

APPLICATION CATALOGUE

# Industrial Process Valves

Valves for chemical, pharmaceutical, food, pulp and general process plant

*A representative selection of the range. Valves are configurable to your specification.*

---

Industrial process applications span an enormous range of media, temperatures and pressures. This selection gathers ball, butterfly, globe, diaphragm and other process valves with the strainers and safety devices used across chemical, food, pharmaceutical and general plant. Specifications are indicative and confirmed at the time of quotation.

## KEY STANDARDS

- PED 2014/68/EU (pressure equipment)
- EN 1074 (valve performance)
- EN 10204 (material certificates)
- ATEX 2014/34/EU (actuators in hazardous areas)
- FDA / EC 1935/2004 (food contact, on request)

---

## SUPPLIED BY

### **EAP Global Limited (trading as Euro Flow Control)**

Airedesk Business Hub 17, Triq Il-Modd, Swieqi, SWQ 2373, Malta · Company no. Malta C 110100  
sales@euroflowcontrol.com · +351 912 529 904 · euroflowcontrol.com

Issued July 2026

WHO WE ARE

# About Euro Flow Control

Euro Flow Control supplies industrial valves and flow control equipment to industry across Europe and worldwide.

This catalogue shows a selection of our range. It is indicative of what we supply, not a limit: we source a great deal more to specification, so if you do not see what you need, please ask.

Euro Flow Control supplies equipment to project specification across water and wastewater, marine, fire protection, HVAC, oil and gas and industrial process applications. Requirements outside the range shown are supplied to specification on request.

Enquiries are handled on a project basis. On receipt of a specification, parts list or written description of requirement, we prepare a quotation for review.

## SECTORS SERVED

Water and wastewater. Marine and offshore. Fire protection. HVAC and building services. Oil and gas. Industrial process.

## STANDARDS AND CERTIFICATION

Products are manufactured to recognised international standards (API, ASME, EN, ISO and DIN). Material and test certification to EN 10204 3.1 is provided as standard, with PED, ATEX, fire-safe (API 607 / 6FA) and marine classification available on request and confirmed per order.

## ENQUIRY TO QUOTATION

- Submit your requirement as a specification, parts list or written description.
- We confirm specification, materials, end connections and applicable standards against your requirement.
- We issue a quotation, with certification and approvals provided to project requirements.

SUPPLIED BY

**EAP Global Limited (trading as Euro Flow Control)**

sales@euroflowcontrol.com · euroflowcontrol.com

Issued July 2026

# Contents

INDUSTRIAL PROCESS VALVES

Download other catalogues and browse the live range at [euroflowcontrol.com](http://euroflowcontrol.com)

## Valve types

Click a type to jump to its section

<b>Butterfly Valve</b>	59
<b>Ball Valve</b>	39
<b>Globe Valve</b>	37
<b>Check Valve</b>	30
<b>Gate Valve</b>	21
<b>Strainer</b>	12
<b>Fire Hydrant</b>	7
<b>Bronze Marine Valve</b>	7
<b>API Valve</b>	7
<b>Plug Valve</b>	5
<b>Knife Gate Valve</b>	4
<b>Quick Closing Valve</b>	4
<b>Other</b>	4
<b>Air Vent</b>	3
<b>Safety Valve</b>	2
<b>Control Valve</b>	2
<b>Hydraulic Power Generator</b>	2
<b>Surge Vessel</b>	2
<b>Needle Valve</b>	1
<b>Diaphragm Valve</b>	1
<b>Foot Valve</b>	1
<b>Backflow Preventer</b>	1
<b>Accessory</b>	1
<b>Cryogenic Check Valve</b>	1
<b>Double Disc Gate Valve</b>	1

<b>EFC-24</b>	High-performance Butterfly Valve	<b>11</b>
<b>EFC-27</b>	PTFE Lined Wafer Butterfly Valve	<b>13</b>
<b>EFC-31</b>	Ventilation Butterfly Valve	<b>14</b>
<b>EFC-33</b>	Wafer Type Centerline Butterfly Valve	<b>15</b>
<b>EFC-102</b>	Double Flanged Butterfly Valve	<b>16</b>
<b>EFC-103</b>	U-Type Double Flanged Butterfly Valve	<b>24</b>
<b>EFC-104</b>	LUG Type Butterfly Valve	<b>33</b>
<b>EFC-105</b>	Wafer Type Butterfly Valve	<b>40</b>
<b>EFC-107</b>	Flanged Type Butterfly Valve	<b>47</b>
<b>EFC-237</b>	4 inch butterfly valve Ductile iron EPDM Seat	<b>54</b>
<b>EFC-239</b>	Aluminum Bronze Disc EPDM Seat Lug Butterfly Valve with Gear Operator	<b>56</b>
<b>EFC-240</b>	Aluminum Bronze Disc EPDM Seat Lug Butterfly Valve with Handle	<b>58</b>
<b>EFC-241</b>	Aluminum Bronze Disc PTFE Seat Lug Butterfly Valve with Gear Operator	<b>60</b>
<b>EFC-242</b>	Aluminum Bronze Disc PTFE Seat Lug Butterfly Valve with Handle	<b>62</b>
<b>EFC-243</b>	Aluminum Bronze Disc PTFE Seat Wafer Butterfly Valve with Gear Operator	<b>64</b>
<b>EFC-244</b>	Aluminum Bronze Disc PTFE Seat Wafer Butterfly Valve with Handle	<b>66</b>
<b>EFC-245</b>	Aluminum Bronze Wafer Butterfly Valve	<b>68</b>
<b>EFC-246</b>	Aluminum Wafer butterfly valve	<b>70</b>
<b>EFC-249</b>	Cast Iron Body NBR Seat Wafer Butterfly Valve Without Pin	<b>72</b>
<b>EFC-252</b>	Cast Iron Lug Butterfly Valve	<b>74</b>
<b>EFC-254</b>	Cast Iron Wafer Butterfly Valve with Plate Spray Painted	<b>76</b>
<b>EFC-255</b>	Cast Iron Wafer Butterfly Valve	<b>78</b>
<b>EFC-257</b>	Desulfuration Wafer Butterfly Valve	<b>80</b>
<b>EFC-261</b>	Double Flanged Butterfly Valve	<b>82</b>
<b>EFC-265</b>	Ductile Iron Disc EPDM Seat Lug Butterfly Valve with Gear Operator	<b>84</b>
<b>EFC-266</b>	Ductile Iron Disc EPDM Seat Lug Butterfly Valve with Handle	<b>86</b>
<b>EFC-267</b>	Ductile Iron Disc EPDM Seat Wafer Butterfly Valve with Gear Operator	<b>88</b>
<b>EFC-268</b>	Ductile Iron Disc EPDM Seat Wafer Butterfly Valve with Handle	<b>90</b>
<b>EFC-269</b>	Ductile Iron Disc PTFE Seat Lug Butterfly Valve with Handle	<b>92</b>
<b>EFC-271</b>	Ductile Iron Lug Butterfly Valve	<b>94</b>
<b>EFC-274</b>	Ductile Iron Wafer Butterfly Valve	<b>96</b>
<b>EFC-275</b>	Electric Actuator Lug Butterfly Valve	<b>98</b>
<b>EFC-276</b>	Electric Actuator Wafer Butterfly Valve	<b>100</b>
<b>EFC-277</b>	Extension Shaft Wafer Butterfly Valve	<b>102</b>
<b>EFC-281</b>	Gear Operated Wafer Butterfly Valve with Aluminum Bronze Disc and EPDM	<b>104</b>
<b>EFC-285</b>	HALAR Spraying Lug butterfly valve	<b>106</b>
<b>EFC-286</b>	Hydraulic Lug Butterfly Valve	<b>108</b>
<b>EFC-293</b>	Pneumatic Actuator PTFE Seat Stainless Steel Wafer Butterfly Valve	<b>111</b>
<b>EFC-294</b>	Pneumatic Actuators Wafer Butterfly Valve	<b>113</b>
<b>EFC-296</b>	PTFE Coated Lug Butterfly Valve	<b>118</b>
<b>EFC-297</b>	PTFE Full Coated Lug Butterfly Valve	<b>120</b>
<b>EFC-298</b>	PTFE Seat Flange Butterfly Valve	<b>123</b>
<b>EFC-300</b>	Red 5K Lug Butterfly Valve	<b>125</b>
<b>EFC-308</b>	Stainless Steel PTFE Seat Lug Butterfly Valve	<b>127</b>
<b>EFC-309</b>	Stainless Steel PTFE Seat Wafer Butterfly Valve	<b>129</b>
<b>EFC-314</b>	Triple Eccentric Lug Butterfly Valve	<b>131</b>
<b>EFC-316</b>	Two Holes PTFE Wafer Butterfly Valve	<b>134</b>

## Butterfly Valve

(continued)

<b>EFC-320</b>	Wcb Carbon Steel Flange Butterfly Valve	<b>136</b>
<b>EFC-321</b>	Worm Gear operated Wafer Butterfly Valve	<b>138</b>
<b>EFC-326</b>	AWWA C504 Butterfly Valve	<b>140</b>
<b>EFC-331</b>	Butterfly Valve With Bypass	<b>144</b>
<b>EFC-376</b>	Alpine Wafer Lugged Butterfly Valve	<b>146</b>
<b>EFC-430</b>	API Butterfly Valve (Lug Type) Cast Steel	<b>151</b>
<b>EFC-431</b>	Butterfly Valve (Flange Type)	<b>153</b>
<b>EFC-459</b>	Wafer Butterfly Valve	<b>154</b>
<b>EFC-474</b>	Triple Eccentric Butterfly Valve	<b>161</b>
<b>EFC-475</b>	Double Eccentric Butterfly Valve	<b>163</b>
<b>EFC-476</b>	Concentric Butterfly Valve	<b>165</b>
<b>EFC-477</b>	Ventilation Butterfly Valve	<b>167</b>

## Ball Valve

39 products · p.169

<b>EFC-1</b>	Full Welded Ball Valve	<b>169</b>
<b>EFC-9</b>	API Floating Ball Valve	<b>170</b>
<b>EFC-10</b>	Forged Ball Valve	<b>173</b>
<b>EFC-11</b>	API Forged Ball Valve	<b>174</b>
<b>EFC-20</b>	Forged Steel Floating Ball Valve	<b>175</b>
<b>EFC-23</b>	Fully Welded Ball Valve	<b>177</b>
<b>EFC-34</b>	1pc female thread ball valve	<b>179</b>
<b>EFC-35</b>	2pc female thread ball valve	<b>181</b>
<b>EFC-36</b>	3 way female thread ball valve	<b>183</b>
<b>EFC-37</b>	3pc female thread ball valve	<b>185</b>
<b>EFC-40</b>	Double ferrules instrument ball valve	<b>187</b>
<b>EFC-42</b>	Female thread hydraulic ball valve	<b>189</b>
<b>EFC-43</b>	Female thread instrument ball valve	<b>191</b>
<b>EFC-44</b>	Female thread mini ball valve	<b>193</b>
<b>EFC-45</b>	Male female thread mini ball valve	<b>195</b>
<b>EFC-108</b>	Monoblock Wafer Type Ball Valve	<b>197</b>
<b>EFC-109</b>	Bronze Ball Valve - BSP	<b>201</b>
<b>EFC-110</b>	SS 2PC Ball Valve M3 - BSP	<b>204</b>
<b>EFC-111</b>	SS 3PC Ball Valve M3 - BSP	<b>207</b>
<b>EFC-112</b>	SS 3PC Ball Valve M3 - ISO 5211 - BSP	<b>211</b>
<b>EFC-113</b>	2 Pcs Design Ball Valve Full Bore	<b>215</b>
<b>EFC-114</b>	3 Pcs Design Ball Valve Full Bore	<b>218</b>
<b>EFC-115</b>	Ball Valve Reduced Bore	<b>222</b>
<b>EFC-116</b>	Stainless Steel Ball Valve Full Bore	<b>225</b>
<b>EFC-117</b>	Ball Valve	<b>228</b>
<b>EFC-236</b>	2PC Stainless Steel Ball Valve	<b>233</b>
<b>EFC-250</b>	Cast Iron Flanged Ball Valve	<b>235</b>
<b>EFC-292</b>	Pneumatic Actuator Ball Valve	<b>238</b>
<b>EFC-306</b>	Stainless Steel Ball Valve	<b>242</b>
<b>EFC-415</b>	304 Stainless Steel ISO Top Full Bore Ball Valve	<b>246</b>
<b>EFC-416</b>	316 Stainless Steel ISO Top Full Bore Ball Valve	<b>250</b>
<b>EFC-417</b>	Ball Valve, Full Bore	<b>254</b>

## Ball Valve

(continued)

<b>EFC-418</b>	SS 2PC Ball Valve - BSP (ISO 5211)	<b>258</b>
<b>EFC-446</b>	DBB Ball Valve (Twin Ball)	<b>261</b>
<b>EFC-450</b>	Rising Stem Ball Valve	<b>263</b>
<b>EFC-452</b>	Insulation Jacket Ball Valve	<b>265</b>
<b>EFC-456</b>	PDS Ball Valve	<b>267</b>
<b>EFC-457</b>	Pig Valve	<b>269</b>
<b>EFC-458</b>	C-Type Wear-resistant Ball Valve	<b>271</b>

## Globe Valve

37 products - p.273

<b>EFC-4</b>	API Globe Valve	<b>273</b>
<b>EFC-5</b>	Forged Globe Valve	<b>278</b>
<b>EFC-13</b>	Bellows Sealed Globe Valve	<b>279</b>
<b>EFC-16</b>	Cast Steel Globe Valve	<b>281</b>
<b>EFC-29</b>	Stainless Steel Globe Valve	<b>283</b>
<b>EFC-39</b>	Casting steel female thread globe valve	<b>285</b>
<b>EFC-62</b>	Y Type Globe Valve	<b>287</b>
<b>EFC-63</b>	Straight SDNR Globe Valve	<b>289</b>
<b>EFC-64</b>	Angle Type SDNR Globe Valve	<b>294</b>
<b>EFC-65</b>	Straight and Angle Type Bellow Sealed Globe Valve S. Form VBK-16 / A. Form VAK-16	<b>298</b>
<b>EFC-66</b>	Straight Type Cast Steel Globe Valve	<b>301</b>
<b>EFC-67</b>	Straight Type Cast Steel Controlled Check Valve (SDNR)	<b>305</b>
<b>EFC-68</b>	Y Type Cast Steel Globe Valve	<b>308</b>
<b>EFC-69</b>	Straight Globe Valve	<b>310</b>
<b>EFC-70</b>	Bronze Globe Valve Straight Type (Screw Bonnet)	<b>315</b>
<b>EFC-71</b>	Bronze SDSL Globe Valve - BSPT	<b>318</b>
<b>EFC-72</b>	Bronze SDNR Globe Valve - BSPT	<b>321</b>
<b>EFC-73</b>	SS SDSL Globe Valve - BSP	<b>324</b>
<b>EFC-74</b>	SS SDNR Globe Valve - BSP	<b>327</b>
<b>EFC-75</b>	Globe Valve 150Lb	<b>330</b>
<b>EFC-76</b>	Bronze SDNR Stop Valve Straight Type (Screw Bonnet)	<b>334</b>
<b>EFC-77</b>	Angle Type Globe Valve 150LB	<b>337</b>
<b>EFC-78</b>	Straight Type SDNR Globe Valve 150Lb	<b>340</b>
<b>EFC-79</b>	Angle Type SDNR Globe Valve 150 Lb	<b>344</b>
<b>EFC-80</b>	Angle Type Globe Valve 300LB	<b>347</b>
<b>EFC-84</b>	Aluminum Straight Globe Valve	<b>350</b>
<b>EFC-85</b>	Aluminum Angle Globe Valve PN16	<b>353</b>
<b>EFC-86</b>	Straight Globe Valve	<b>356</b>
<b>EFC-87</b>	Angle Type Globe Valve	<b>362</b>
<b>EFC-279</b>	Flange Type Globe Valve BS5152	<b>365</b>
<b>EFC-283</b>	Globe Valve BS5152	<b>367</b>
<b>EFC-413</b>	Bronze Globe Valve Straight Type (Screw Bonnet, Short Type)	<b>369</b>
<b>EFC-414</b>	Bronze SDNR Stop Valve Straight Type (Screw Bonnet, Short Type)	<b>371</b>
<b>EFC-437</b>	DIN Cast Steel Globe Valve	<b>373</b>
<b>EFC-496</b>	Throttle Globe Valve	<b>377</b>
<b>EFC-498</b>	General Globe Valve (Double Disc)	<b>379</b>
<b>EFC-499</b>	General Globe Valve (Single Disc)	<b>381</b>

## Check Valve

30 products · p.382

<b>EFC-7</b>	Lug Type Dual Plate Check Valve	<b>382</b>
<b>EFC-8</b>	Wafer Dula Plate Check Valve	<b>383</b>
<b>EFC-19</b>	Forged Steel Check Valve	<b>384</b>
<b>EFC-26</b>	Lug Type Double Plate Check Valve	<b>386</b>
<b>EFC-46</b>	Swing type female thread check valve	<b>387</b>
<b>EFC-88</b>	Swing Check Valve	<b>389</b>
<b>EFC-89</b>	Wafer Check Valve	<b>394</b>
<b>EFC-90</b>	Tilting Type Check Valve	<b>397</b>
<b>EFC-91</b>	Wafer Tilting Disc Check Valve	<b>402</b>
<b>EFC-92</b>	Wafer Dual Plate Check Valve	<b>405</b>
<b>EFC-94</b>	Disc Check Valve	<b>407</b>
<b>EFC-97</b>	SS Swing Check Valve - BSP	<b>411</b>
<b>EFC-98</b>	Lift Type Check Valve Angle Form	<b>414</b>
<b>EFC-99</b>	Nozzle (Silent) Check Valve	<b>416</b>
<b>EFC-100</b>	Lift Type Check Valve Straight Form	<b>420</b>
<b>EFC-238</b>	Aluminium Bronze Dual Plate Wafer Type Check Valve	<b>425</b>
<b>EFC-262</b>	Double plate Flange Check Valve	<b>428</b>
<b>EFC-263</b>	Dual Plate Wafer Check Valve	<b>430</b>
<b>EFC-307</b>	Stainless Steel Dual Plate Check Valve	<b>433</b>
<b>EFC-319</b>	Wafer Type Single Disc Swing Check Valve	<b>435</b>
<b>EFC-324</b>	Tilting Disc Check Valve	<b>437</b>
<b>EFC-332</b>	Rubber Flap Check Valve	<b>440</b>
<b>EFC-383</b>	SDCV - Slanted Disc Check Valve	<b>443</b>
<b>EFC-386</b>	NSCV - DN50 - DN350	<b>447</b>
<b>EFC-387</b>	NSCV - DN400 - DN1200	<b>451</b>
<b>EFC-433</b>	Forged Check Valve	<b>455</b>
<b>EFC-438</b>	DIN Cast Steel Swing Check Valve	<b>456</b>
<b>EFC-439</b>	DIN Lift Check Valve	<b>459</b>
<b>EFC-503</b>	Y-Type Check Valve	<b>460</b>
<b>EFC-514</b>	Power Plant Check Valve	<b>461</b>

## Gate Valve

21 products · p.463

<b>EFC-2</b>	API Gate Valve	<b>463</b>
<b>EFC-3</b>	Forged Gate Valve	<b>467</b>
<b>EFC-28</b>	Stainless Steel Gate Valve	<b>468</b>
<b>EFC-38</b>	Casting steel female thread gate valve	<b>470</b>
<b>EFC-47</b>	Rising Stem Gate Valve	<b>472</b>
<b>EFC-48</b>	Gate Valve With Stuffing Box & Indicator	<b>477</b>
<b>EFC-50</b>	Gate Valve	<b>481</b>
<b>EFC-54</b>	Gate Valve With Stuf. Box and Indicator	<b>484</b>
<b>EFC-55</b>	Rising Stem Gate Valve	<b>488</b>
<b>EFC-56</b>	Rising Stem Gate Valve	<b>493</b>
<b>EFC-57</b>	Resilient Seat Gate Valve (O-Ring System)	<b>497</b>
<b>EFC-58</b>	Resilient Seat Gate Valve	<b>501</b>
<b>EFC-60</b>	Gate Valve PN100	<b>504</b>
<b>EFC-253</b>	Cast Iron Rising Stem Gate Valve with Signal Head	<b>508</b>

## Gate Valve

(continued)

<b>EFC-301</b>	Resilient Seated Gate Valve with Bypass	<b>510</b>
<b>EFC-412</b>	Gate Valve PN64	<b>512</b>
<b>EFC-434</b>	DIN Cast Steel Gate Valve	<b>514</b>
<b>EFC-435</b>	Non-rising Stem Gate Valve (DIN Short Style)	<b>518</b>
<b>EFC-436</b>	DIN Cast Steel Gate Valve (Short Style) F4	<b>521</b>
<b>EFC-495</b>	Non-Rising Stem Gate Valve	<b>524</b>
<b>EFC-513</b>	Power Plant Gate Valve	<b>526</b>

## Strainer

12 products · p.528

<b>EFC-12</b>	Y Strainer	<b>528</b>
<b>EFC-118</b>	SS Y-Type Strainer - BSP	<b>529</b>
<b>EFC-119</b>	Y Type Strainer	<b>532</b>
<b>EFC-120</b>	Y Type Strainer	<b>535</b>
<b>EFC-121</b>	Stainless Steel Strainer	<b>540</b>
<b>EFC-122</b>	T Type Strainer	<b>543</b>
<b>EFC-123</b>	Foot Valve With Spring	<b>546</b>
<b>EFC-125</b>	Strainer Basket (Suction Strainer)	<b>549</b>
<b>EFC-126</b>	Straight Type Mud Box	<b>552</b>
<b>EFC-264</b>	Ductile Iron Basket Strainer	<b>555</b>
<b>EFC-422</b>	Angle Type Mud Box	<b>557</b>
<b>EFC-423</b>	Straight Type Mud Box With Quick Release Bonnet	<b>559</b>

## Fire Hydrant

7 products · p.561

<b>EFC-161</b>	Fire Valve Straight Type	<b>561</b>
<b>EFC-162</b>	Angle Type Fire Valve	<b>565</b>
<b>EFC-163</b>	Angle Type 30 Oblique Type Fire Valve	<b>568</b>
<b>EFC-164</b>	Threaded Angle Type Fire Valve	<b>571</b>
<b>EFC-166</b>	Fire Valve Straight Type (Bolted Bonnet)	<b>575</b>
<b>EFC-167</b>	Angle Type Fire Valve (Bolted Bonnet)	<b>579</b>
<b>EFC-168</b>	Angle Type 30 Oblique Type Fire Valve (Bolted Bonnet)	<b>583</b>

## Bronze Marine Valve

7 products · p.587

<b>EFC-198</b>	Wafer Type Butterfly Valve (Marine)	<b>587</b>
<b>EFC-199</b>	LUG Type Butterfly Valve (Marine)	<b>590</b>
<b>EFC-205</b>	U-Type Double Flanged Butterfly Valve (Marine)	<b>592</b>
<b>EFC-206</b>	Ball Valve	<b>601</b>
<b>EFC-208</b>	Wafer Check Valve (Marine)	<b>605</b>
<b>EFC-209</b>	Tilting Type Check Valve (Marine)	<b>608</b>
<b>EFC-211</b>	U-Type Double Flanged Butterfly Valve (Marine)	<b>617</b>

## API Valve

7 products · p.626

<b>EFC-217</b>	API Floating Ball Valve	<b>626</b>
<b>EFC-218</b>	API Trunnion Ball Valve	<b>633</b>
<b>EFC-224</b>	API Swing Check Valve	<b>639</b>

## API Valve

(continued)

<b>EFC-233</b>	API Sleeve Type Soft Sealing Plug Valve	<b>642</b>
<b>EFC-234</b>	API Lubricated Plug Valve	<b>646</b>
<b>EFC-424</b>	API Forged Steel Gate Valve	<b>650</b>
<b>EFC-426</b>	API Forged Steel Check Valve	<b>652</b>

## Plug Valve

5 products · p.654

<b>EFC-189</b>	Plug Valve (2 way)	<b>654</b>
<b>EFC-190</b>	Plug Valve (3 way)	<b>657</b>
<b>EFC-191</b>	Plug Valve (3 way)	<b>660</b>
<b>EFC-388</b>	PVGX - Eccentric Plug Valve	<b>663</b>
<b>EFC-421</b>	Jacketed Asphalt Plug Valve	<b>670</b>

## Knife Gate Valve

4 products · p.673

<b>EFC-25</b>	KNIFE GATE VALVE	<b>673</b>
<b>EFC-287</b>	Knife Gate Valve	<b>675</b>
<b>EFC-335</b>	Knife Gate Valve	<b>678</b>
<b>EFC-441</b>	Short Pattern Slab Gate Valve	<b>682</b>

## Quick Closing Valve

4 products · p.684

<b>EFC-153</b>	Quick Closing Valve Straight Form VDAK-16	<b>684</b>
<b>EFC-154</b>	Quick Closing Valve Angle Form	<b>687</b>
<b>EFC-155</b>	Self Closing Valve Straight & Angle Type Straight VAKD-16 / Angle VAKK-16	<b>690</b>
<b>EFC-156</b>	Self Closing Valve With Spring Form	<b>693</b>

## Other

4 products · p.697

<b>EFC-183</b>	Invert Bucket Steam Trap (Bottom Inlet-Top Outlet)	<b>697</b>
<b>EFC-184</b>	Invert Bucket Steam Trap (Threaded)	<b>700</b>
<b>EFC-185</b>	Invert Bucket Steam Trap (Flanged)	<b>703</b>
<b>EFC-186</b>	Thermodynamic Steam Trap	<b>706</b>

## Air Vent

3 products · p.709

<b>EFC-174</b>	Single & Double Air Release Valve	<b>709</b>
<b>EFC-175</b>	Single & Double Air Release Valve	<b>712</b>
<b>EFC-419</b>	Threaded Single Air Valve	<b>715</b>

## Safety Valve

2 products · p.717

<b>EFC-146</b>	Safety Valve (Spring Loaded) Full Lift VEYT-10-16-25-40 Proportional Lift VEYO-10-16-25-40	<b>717</b>
<b>EFC-147</b>	Spring Load Nozzle Type Pressure Relief Safety Valve	<b>720</b>

## Control Valve

2 products · p.722

<b>EFC-371</b>	Plunger Valve	<b>722</b>
<b>EFC-464</b>	Axial Flow Control Valve	<b>729</b>

<b>Hydraulic Power Generator</b>		2 products · p.731
<b>EFC-406</b>	IHPG - Hydraulic Power Generator .....	<b>731</b>
<b>EFC-407</b>	MHPG - Hydraulic Power Generator .....	<b>735</b>
<b>Surge Vessel</b>		2 products · p.739
<b>EFC-410</b>	Bladder Surge Vessel .....	<b>739</b>
<b>EFC-411</b>	Open Surge Vessel .....	<b>741</b>
<b>Needle Valve</b>		1 product · p.743
<b>EFC-41</b>	Double ferrules needle valve .....	<b>743</b>
<b>Diaphragm Valve</b>		1 product · p.745
<b>EFC-148</b>	Diaphragm Valve .....	<b>745</b>
<b>Foot Valve</b>		1 product · p.749
<b>EFC-251</b>	Cast Iron Foot Valve .....	<b>749</b>
<b>Backflow Preventer</b>		1 product · p.751
<b>EFC-389</b>	BFPX - Back Flow Preventer .....	<b>751</b>
<b>Accessory</b>		1 product · p.756
<b>EFC-420</b>	Float Type Steam Trap .....	<b>756</b>
<b>Cryogenic Check Valve</b>		1 product · p.758
<b>EFC-490</b>	Cryogenic Swing Check Valve .....	<b>758</b>
<b>Double Disc Gate Valve</b>		1 product · p.760
<b>EFC-512</b>	Double Disc Gate Valve-Ethylene .....	<b>760</b>

BUTTERFLY VALVE

# High-performance Butterfly Valve

REF **EFC-24** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	NPS 2" / DN50 to NPS 48" / DN4000
Pressure	PN10 / Class 150 to PN50 / Class 300
End connection	wafer/clamp / flanged (ANSI B16.1 / BS 4504 / DIN 2501) / lug
Face-to-face	API 609, MSS SP-67, DIN 3202, BS EN 558-1
Temperature	-196°C to 300°C
Media	petroleum, petrochemical, natural gas, electric power, water

## ACTUATION

- pneumatic — ISO 5211
- electric — ISO 5211
- gas-liquid linkage — ISO 5211

## STANDARDS

Design	API 609, MSS SP-67
Test	API 598

## APPLICATIONS

- Petroleum
- Petrochemical
- Natural gas
- Electric power
- Water conservancy



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>WCB, A351 Gr CF8, A351 Gr CF8M, A351 Gr CF3M</b>	Disc	<b>A351 Gr CF8, A351 Gr CF8M, A351 Gr CF3M</b>
Retainer	<b>A351 Gr CF8, A351 Gr CF8M, A351 Gr CF3M</b>	Seat	<b>PTFE, RPTFE</b>
Bushing	<b>PTFE+316SS</b>	Stem	<b>A182 F304, A182 F316, A564 Gr.630, A479 Gr.XM-19</b>
Pin	<b>A240 Gr.316</b>	Seal	<b>PTFE</b>
Gland packing	<b>PTFE, RPTFE</b>		

**FEATURES**

- Double eccentric structure design
- Lip sealing structure achieves two-way bubble-level zero leakage under elastic interference and self-sealing
- Interchangeable PTFE seats compatible with a variety of working conditions
- Anti-blowout stem design
- Low-leakage carbon fibre bowl-type combined packing structure available for fugitive emission service, meeting ISO 15848 and API 622
- Tangential stem pin is half in the disc and half in the stem; tangential positioning transfers squeeze force rather than shear stress to the connection
- ISO 5211 top flange for mounting pneumatic, electric, and gas-liquid linkage actuators
- Double-flanged butterfly valve with worm gear (handwheel) actuator
- Visible disc with metallic seat ring retained by bolts around disc periphery
- Blue epoxy-coated ductile iron body construction apparent
- Flanged end connections with visible bolt holes on both flanges

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# PTFE Lined Wafer Butterfly Valve

REF **EFC-27** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>NPS 1½" to NPS 48"</b>
Pressure	<b>Class 150</b>
End connection	<b>wafer (ANSI B16.1) / wafer (BS4504) / wafer (DIN2501)</b>
Face-to-face	<b>API 609, MSS SP-67, DIN3202, BS EN558-1</b>
Temperature	<b>null°C to null°C</b>
Media	<b>Water, weak acids and alkalis, air, steam, oil</b>

## STANDARDS

Design	<b>API 609, MSS SP-67</b>
Test	<b>API 598</b>

## MATERIALS

Body	<b>Cast iron, Cast steel, Stainless steel</b>	Seat	<b>PTFE, NR, CR, NBR, EPDM</b>
Disc	<b>WCB+PTFE</b>		

## FEATURES

- Compact and lightweight construction; can be installed in any position and easily disassembled for maintenance
- 90° rotation for quick opening and closing
- Wear-reducing, self-lubricating PTFE lining; operating torque reduced by over 40% compared to standard butterfly valves
- Non-toxic, odourless, and antibacterial lining material
- Resistant to salt, alkali, and weak acid corrosion
- Pinless disc-to-stem connection providing complete isolation between medium and metallic parts



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Ventilation Butterfly Valve

REF **EFC-31** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN100 to DN3600</b>
Pressure	<b>Class 150 to Class 300</b>
End connection	<b>wafer / lug</b>
Temperature	<b>null°C to 425°C</b>
Media	<b>water, oil, gas, corrosive media</b>

## APPLICATIONS

- Metallurgy
- Electric power
- Petrochemical
- Water supply and drainage
- Municipal construction

## MATERIALS

Body disc	<b>WCB, CF8, CF304, CF3M, CF316L</b>	Stem	<b>2Cr13, 304, 316L</b>
O ring	<b>304+Flexible graphite, 304+PTFE</b>	Packing	<b>Flexible graphite, PTFE</b>
Seat	<b>Stellite, Tungsten carbide, Nickel alloys, Monel, Stainless steel</b>	Body alternative	<b>WCB, Stainless steel, Aluminum bronze</b>
Body	<b>WCB, CF8, CF304, CF3M, CF316L</b>	Disc	<b>WCB, CF8, CF304, CF3M, CF316L</b>

## FEATURES

- Three eccentric hard seal structure; seat and disc are near wear-free
- Combines metal hard seal and elastic seal; effective across low and high temperature ranges with corrosion resistance
- Valve disc overlaid with hard-facing material for wear resistance and extended service life
- Rotation range 0° - 90°; fully open at 90°
- Double-flanged body construction
- Cross-ribbed disc design for structural reinforcement
- Worm gearbox actuator fitted
- Stainless steel disc and body visible
- Large-bore configuration (appears to be DN400 or larger based on bolt-hole count)



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Wafer Type Centerline Butterfly Valve

REF **EFC-33** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>NPS 2" to NPS 8"</b>
Pressure	<b>Class 150</b>
End connection	<b>wafer (ANSI B16.1) / wafer (BS4504) / wafer (DIN2501)</b>
Face-to-face	<b>API 609, MSS SP-67, DIN3202, BS EN558-1</b>
Media	<b>air, sewage, steam, gas, oil</b>

## STANDARDS

Design	<b>API 609, MSS SP-67</b>
Test	<b>API 598</b>

## MATERIALS

Body	<b>WCB, QT450</b>	Disc	<b>WCB, QT450</b>
Shaft	<b>2Cr13</b>	O ring	<b>EPDM, NBR, VITON, PTFE</b>
Packing	<b>Flexible graphite</b>	Stem	<b>2Cr13</b>
Seat	<b>EPDM, NBR, VITON, PTFE</b>		

## FEATURES

- Compact and lightweight construction for ease of transport, installation and disassembly.
- 90-degree operation for rapid switching.
- Low operating torque.
- Zero-leakage sealing capability.
- Multiple seat and body materials available for compatibility with various media.
- Flow characteristics approximate a straight-line curve, providing good throttling performance.



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Double Flanged Butterfly Valve

REF **EFC-102** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN100 to DN1200</b>
Pressure	<b>PN10, PN16, PN25, PN40</b>
End connection	<b>flanged (EN 1092) / flanged (EN 1092) / flanged (EN 1092) / flanged (EN 1092)</b>

## ACTUATION

- worm gear — GGG-50 / St gear unit



## MATERIALS

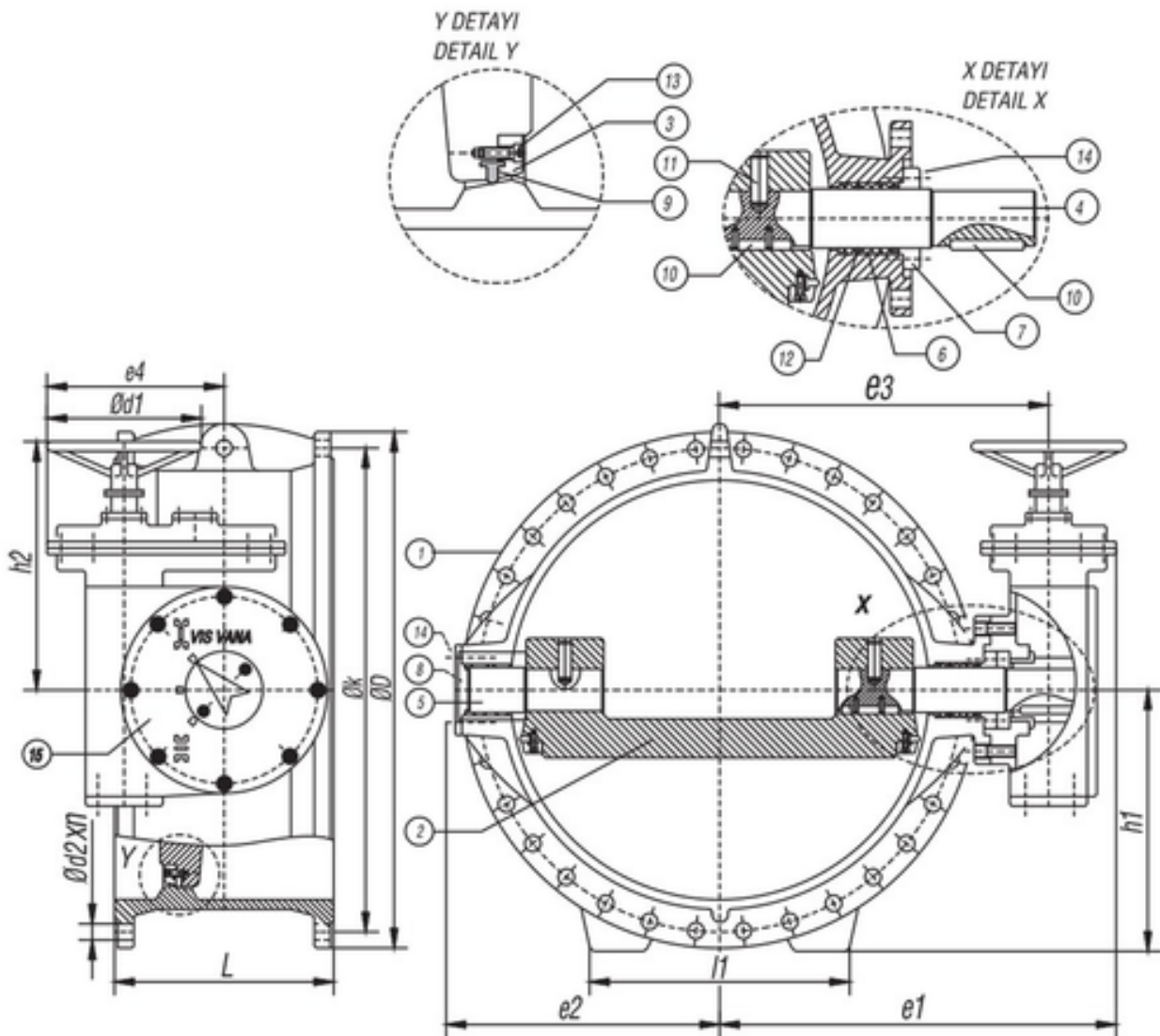
Body	<b>GGG-40, GGG-50, GSC25, AISI 304</b>	Disc	<b>GGG-50, GS-C 25, Al-Bronze</b>
Reating ring	<b>St37, 304, 316</b>	Stem driven end	<b>AISI 420 (X20 Cr 13), 304, 316</b>
Stem free end	<b>AISI 420 (X20 Cr 13), 304, 316</b>	Bearing bush	<b>TEFLON, PTFE</b>
Cover driven end	<b>GGG-50, GS-C 25, 304, 316</b>	Cover free end	<b>GGG-50, GS-C 25, 304, 316</b>
Sealing ring	<b>EPDM</b>	Key	<b>Steel Ck-45</b>
Setscrew	<b>Stainless Steel-A2, A4</b>	O ring	<b>EPDM, BUNA-N</b>
Screw	<b>Stainless Steel-A2</b>	Bolt	<b>5D</b>
Worm gear unit	<b>GGG-50, St</b>		

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Double Flanged Butterfly Valve

SECTION Technical drawing 1 REF EFC-102



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Double Flanged Butterfly Valve

SECTION Dimensions per size REF EFC-102

SIZE	D	K	BOLTSL_EN558_S14BS5155	E1	E2	E3	E4	H1	D1	H2	L1	WEIGHT		
DN100 (PN10)	220	180	4xØ18	190	127	250	105	198	134	110	180	—	—	30 kg
DN100 (PN16)	220	180	4xØ18	190	127	250	105	198	134	110	180	—	—	30 kg
DN100 (PN25)	235	190	4xØ22	190	127	250	105	198	134	110	180	—	—	30 kg
DN100 (PN40)	235	190	4xØ22	190	127	250	105	198	134	110	180	—	—	30 kg
DN125 (PN10)	250	210	4xØ22	200	140	262	117	210	134	125	180	205	—	35 kg
DN125 (PN16)	250	210	4xØ22	200	140	262	117	210	134	125	180	205	—	35 kg
DN125 (PN25)	270	220	4xØ26	200	140	262	117	210	134	125	180	205	—	35 kg
DN125 (PN40)	270	220	4xØ26	200	140	262	117	210	134	125	180	205	—	35 kg
DN150 (PN10)	285	240	4xØ22	210	140	284	128	232	134	143	180	205	—	45 kg
DN150 (PN16)	285	240	4xØ22	210	140	284	128	232	134	143	180	205	—	45 kg
DN150 (PN25)	300	250	4xØ26	210	140	284	128	232	134	143	180	205	—	45 kg
DN150 (PN40)	300	250	4xØ30	210	140	284	128	232	134	143	180	205	—	45 kg
DN200 (PN10)	340	295	8xØ22	230	152	307	157	255	158	170	180	—	—	50 kg
DN200 (PN16)	340	295	8xØ22	230	152	307	157	255	158	170	180	—	—	50 kg
DN200 (PN25)	375	310	8xØ30	230	152	307	157	255	158	170	180	—	—	50 kg
DN200 (PN40)	375	320	8xØ33	230	152	307	157	255	158	170	180	—	—	50 kg
DN250 (PN10)	395	350	12xØ22	250	165	387	213	319	158	212	215	255	260	95 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Double Flanged Butterfly Valve

Dimensions per size (continued) · EFC-102

SIZE	D	K	BOLTSL_EN558_S14BS155	E1	E2	E3	E4	H1	D1	H2	L1	WEIGHT		
DN250 (PN16)	405	355	12xØ26	250	165	387	213	319	158	212	215	255	260	95 kg
DN250 (PN25)	450	370	12xØ33	250	165	387	213	319	158	212	215	255	260	95 kg
DN250 (PN40)	450	385	12xØ36	250	165	387	213	319	158	212	215	255	260	95 kg
DN300 (PN10)	445	400	12xØ22	270	178	423	242	355	172	240	215	255	335	120 kg
DN300 (PN16)	460	410	12xØ26	270	178	423	242	355	172	240	215	255	335	120 kg
DN300 (PN25)	515	430	12xØ33	270	178	423	242	355	172	240	215	255	335	120 kg
DN300 (PN40)	515	450	12xØ36	270	178	423	242	355	172	240	215	255	335	120 kg
DN350 (PN10)	505	460	16xØ22	290	190	438	273	370	238	270	250	275	345	160 kg
DN350 (PN16)	520	470	16xØ26	290	190	438	273	370	238	270	250	275	345	160 kg
DN350 (PN25)	580	490	16xØ33	290	190	438	273	370	238	270	250	275	345	160 kg
DN350 (PN40)	580	510	16xØ36	290	190	438	273	370	238	270	250	275	345	160 kg
DN400 (PN10)	565	515	16xØ26	310	216	482	299	414	238	295	250	275	375	200 kg
DN400 (PN16)	580	525	16xØ30	310	216	482	299	414	238	295	250	275	375	200 kg
DN400 (PN25)	660	550	16xØ36	310	216	482	299	414	238	295	250	275	375	200 kg
DN400 (PN40)	660	585	16xØ39	310	216	482	299	414	238	295	250	275	375	200 kg
DN450 (PN10)	615	565	20xØ26	330	222	515	335	447	238	325	250	275	450	255 kg
DN450 (PN16)	640	585	20xØ33	330	222	515	335	447	238	325	250	275	450	255 kg
DN450 (PN25)	715	600	20xØ35	330	222	515	335	447	238	325	250	275	450	255 kg
DN450 (PN40)	715	610	20xØ39	330	222	515	335	447	238	325	250	275	450	255 kg
DN500 (PN10)	670	620	20xØ26	350	229	573	355	491	238	367	250	—	470	300 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

---

<b>DN500 (PN16)</b>	715	650	20xØ33	350	229	573	355	491	238	367	250	—	470	300 kg
---------------------	-----	-----	--------	-----	-----	-----	-----	-----	-----	-----	-----	---	-----	--------

---

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-102** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

## Double Flanged Butterfly Valve

Dimensions per size (continued) · EFC-102

SIZE	D	K	BOLTSL_EN558_S14BS5155	E1	E2	E3	E4	H1	D1	H2	L1	WEIGHT		
<b>DN500 (PN25)</b>	775	660	20xØ35	350	229	573	355	491	238	367	250	—	470	300 kg
<b>DN500 (PN40)</b>	795	670	20xØ39	350	229	573	355	491	238	367	250	—	470	300 kg
<b>DN600 (PN10)</b>	780	725	20xØ30	390	267	641	430	559	314	430	385	410	545	460 kg
<b>DN600 (PN16)</b>	840	770	20xØ33	390	267	641	430	559	314	430	385	410	545	460 kg
<b>DN600 (PN25)</b>	960	770	20xØ42	390	267	641	430	559	314	430	385	410	545	460 kg
<b>DN600 (PN40)</b>	900	795	20xØ48	390	267	641	430	559	314	430	385	410	545	460 kg
<b>DN700 (PN10)</b>	895	840	24xØ30	430	292	729	465	599	366	465	385	410	590	635 kg
<b>DN700 (PN16)</b>	910	840	24xØ36	430	292	729	465	599	366	465	385	410	590	635 kg
<b>DN700 (PN25)</b>	1085	875	24xØ48	430	292	729	465	599	366	465	385	410	590	635 kg
<b>DN700 (PN40)</b>	995	900	24xØ56	430	292	729	465	599	366	465	385	410	590	635 kg
<b>DN800 (PN10)</b>	1015	950	24xØ33	470	318	790	521	660	366	522	385	476	660	790 kg
<b>DN800 (PN16)</b>	1025	950	24xØ39	470	318	790	521	660	366	522	385	476	660	790 kg
<b>DN800 (PN25)</b>	1185	990	24xØ48	470	318	790	521	660	366	522	385	476	660	790 kg
<b>DN800 (PN40)</b>	1140	1030	24xØ56	470	318	790	521	660	366	522	385	476	660	790 kg
<b>DN900 (PN10)</b>	1115	1050	28xØ33	510	330	845	576	715	515	570	385	476	720	1020 kg
<b>DN900 (PN16)</b>	1125	1050	28xØ39	510	330	845	576	715	515	570	385	476	720	1020 kg
<b>DN900 (PN25)</b>	1320	1090	28xØ56	510	330	845	576	715	515	570	385	476	720	1020 kg
<b>DN900 (PN40)</b>	1250	1140	28xØ56	510	330	845	576	715	515	570	385	476	720	1020 kg
<b>DN1000 (PN10)</b>	1230	1160	28xØ36	550	410	920	650	790	515	632	385	515	770	1355 kg
<b>DN1000 (PN16)</b>	1255	1170	28xØ42	550	410	920	650	790	515	632	385	515	770	1355 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

---

<b>DN1000 (PN25)</b>	1530	1210	28xØ56	550	410	920	650	790	515	632	385	515	770	1355 kg
----------------------	------	------	--------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---------

---

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-102** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

## Double Flanged Butterfly Valve

Dimensions per size (continued) · EFC-102

SIZE	D	K	BOLTSL_EN558_S14BS5155	E1	E2	E3	E4	H1	D1	H2	L1	WEIGHT		
<b>DN1000 (PN40)</b>	1530	1250	—	550	410	920	650	790	515	632	385	515	770	1355 kg
<b>DN1100 (PN10)</b>	1340	1270	28xØ36	590	440	980	710	850	515	695	385	515	—	1710 kg
<b>DN1100 (PN16)</b>	1355	1270	28xØ48	590	440	980	710	850	515	695	385	515	—	1710 kg
<b>DN1100 (PN25)</b>	1530	1420	—	590	440	980	710	850	515	695	385	515	—	1710 kg
<b>DN1100 (PN40)</b>	1530	1430	—	590	440	980	710	850	515	695	385	515	—	1710 kg
<b>DN1200 (PN10)</b>	1455	1380	32xØ39	630	470	1168	765	945	515	752	385	620	—	2400 kg
<b>DN1200 (PN16)</b>	1485	1380	32xØ49	630	470	1168	765	945	515	752	385	620	—	2400 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# U-Type Double Flanged Butterfly Valve

REF **EFC-103** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN40 to DN1400</b>
Pressure	<b>PN10, PN16, Class 150</b>
End connection	<b>flanged (EN 1092) / flanged (EN 1092) / flanged (BS 4504)</b>



## MATERIALS

Body	<b>GG 25, GGG 40, GGG 50, GS-C 25</b>	Gasket	<b>EPDM, NBR, VITON</b>
Disc	<b>GGG 40, SS, Bronze</b>	Stem	<b>AISI 420, AISI 316</b>
O ring	<b>EPDM, NBR, VITON</b>	Gland bush	<b>PTFE, Bronze</b>
Retaining ring	<b>St, SS</b>	Washer	<b>St-37, SS, Bronze</b>
Bolt	<b>A2, A4, SS</b>	Gearbox	<b>GGG-40</b>

## FEATURES

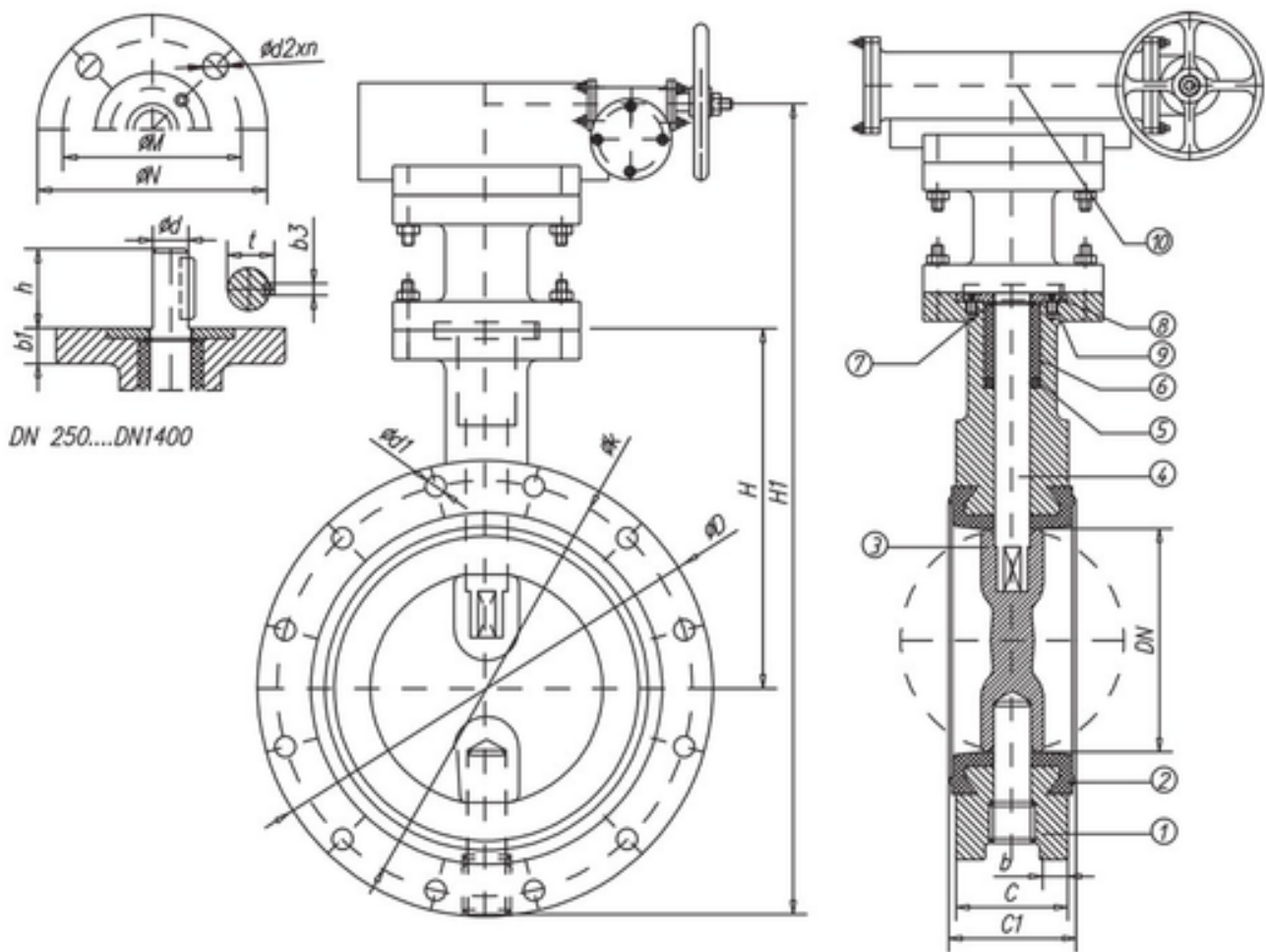
- Double-flanged body design conforming to EN 558 Series 20 and DIN 3202-K1 face-to-face dimensions
- Body available in grey cast iron, ductile iron, or cast carbon steel
- Disc available in ductile iron, stainless steel, or bronze
- Stem in AISI 420 or AISI 316 stainless steel
- Seat/gasket available in EPDM, NBR, or VITON elastomers
- Top flange dimensions to ISO 5211/1 for actuator mounting
- Stem dimensions to DIN 3337 / ISO 5211/1
- Available in PN10, PN16 and Class 150 pressure ratings
- Flange drilling to EN 1092 and BS 4504
- Gearbox operator in ductile iron GGG-40 available

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# U-Type Double Flanged Butterfly Valve

SECTION Technical drawing 1 REF EFC-103



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# U-Type Double Flanged Butterfly Valve

SECTION Dimensions per size REF EFC-103

SIZE	D	K	BOLTS	C	C1	H	H1	B	STEM OD	STEM H	STEM T	STEM B3	TOP FLANGE ON	TOP FLANGE OM	TOP FLANGE OD2XN	TOP FLANGE B1	WEIGHT
<b>DN40 (PN16)</b>	150	110	18x4	33	37	130	260	10	14x9	32	25	8	—	—	—	—	4 kg
<b>DN40 (PN10)</b>	150	110	18x4	33	37	130	260	10	14x9	32	25	8	—	—	—	—	4 kg
<b>DN40 (Class150)</b>	127	98.5	16x4	33	37	130	260	10	14x9	32	25	8	—	—	—	—	4 kg
<b>DN50 (PN16)</b>	165	125	18x4	43	47	140	295	11	14x9	32	25	8	—	—	—	—	5 kg
<b>DN50 (PN10)</b>	165	125	18x4	43	47	140	295	11	14x9	32	25	8	—	—	—	—	5 kg
<b>DN50 (Class150)</b>	152	120.5	19x4	43	47	140	295	11	14x9	32	25	8	—	—	—	—	5 kg
<b>DN65 (PN16)</b>	185	145	18x4	46	50	152	310	12	14x9	32	25	8	65	50	7x4	10	7 kg
<b>DN65 (PN10)</b>	185	145	18x4	46	50	152	310	12	14x9	32	25	8	65	50	7x4	10	7 kg
<b>DN65 (Class150)</b>	178	139.7	19x4	46	50	152	310	12	14x9	32	25	8	65	50	7x4	10	7 kg
<b>DN80 (PN16)</b>	200	160	18x8	52	56	159	320	13	16x11	32	31	8	—	—	—	—	9 kg
<b>DN80 (PN10)</b>	200	160	18x8	52	56	159	320	13	16x11	32	31	8	—	—	—	—	9 kg
<b>DN80 (Class150)</b>	190.5	152.4	19x4	52	56	159	320	13	16x11	32	31	8	—	—	—	—	9 kg
<b>DN100 (PN16)</b>	220	180	18x8	56	60	177	360	15	16x11	32	31	8	90	70	10x4	12	12 kg
<b>DN100 (PN10)</b>	220	180	18x8	56	60	177	360	15	16x11	32	31	8	90	70	10x4	12	12 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

<b>DN100 (Class150)</b>	228.6	190.5	19x8	56	60	177	360	15	16x11	32	31	8	90	70	10x4	12	12 kg
<b>DN125 (PN16)</b>	250	210	18x8	60	64	190	400	20	22	60	43	12	—	—	—	—	14 kg
<b>DN125 (PN10)</b>	250	210	18x8	60	64	190	400	20	22	60	43	12	—	—	—	—	14 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## U-Type Double Flanged Butterfly Valve

Dimensions per size (continued) · EFC-103

SIZE	D	K	BOLTS	C	C1	H	H1	B	STEM OD	STEM H	STEM T	STEM B3	TOP FLANGE ON	TOP FLANGE OM	TOP FLANGE OD2XN	TOP FLANGE B1	WEIGHT
<b>DN125 (Class150)</b>	254	215.9	22x8	60	64	190	400	20	22	60	43	12	—	—	—	—	14 kg
<b>DN150 (PN16)</b>	285	240	22x8	68	71	203	430	25	22	60	43	12	125	102	12x4	16	19 kg
<b>DN150 (PN10)</b>	270	220	22x8	68	71	203	430	25	22	60	43	12	125	102	12x4	16	19 kg
<b>DN150 (Class150)</b>	279.5	241.3	22x8	68	71	203	430	25	22	60	43	12	125	102	12x4	16	19 kg
<b>DN200 (PN16)</b>	340	295	22x12	78	84	241	550	30	28	70	50.5	14	175	140	18x4	22	22 kg
<b>DN200 (PN10)</b>	295	250	22x8	78	84	241	550	30	28	70	50.5	14	175	140	18x4	22	22 kg
<b>DN200 (Class150)</b>	343	298.5	19x8	78	84	241	550	30	28	70	50.5	14	175	140	18x4	22	22 kg
<b>DN250 (PN16)</b>	405	355	26x12	102	108	250	600	32	38	90	60.5	20	—	—	—	—	32 kg
<b>DN250 (PN10)</b>	350	295	22x12	102	108	250	600	32	38	90	60.5	20	—	—	—	—	32 kg
<b>DN250 (Class150)</b>	406.5	362	22x12	102	108	250	600	32	38	90	60.5	20	—	—	—	—	32 kg
<b>DN300 (PN16)</b>	460	410	26x12	114	120	282	620	34	38	90	60.5	20	210	165	22x4	26	42 kg
<b>DN300 (PN10)</b>	400	350	22x12	114	120	282	620	34	38	90	60.5	20	210	165	22x4	26	42 kg
<b>DN300 (Class150)</b>	482.5	431.8	22x12	114	120	282	620	34	38	90	60.5	20	210	165	22x4	26	42 kg
<b>DN350 (PN16)</b>	520	470	26x16	127	133	320	700	36	45	100	65.5	20	—	—	—	—	55 kg
<b>DN350 (PN10)</b>	460	410	22x16	127	133	320	700	36	45	100	65.5	20	—	—	—	—	55 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

<b>DN350 (Class150)</b>	533.5	476	22x16	127	133	320	700	36	45	100	65.5	20	—	—	—	—	55 kg
<b>DN400 (PN16)</b>	580	525	30x16	154	160	360	825	40	55	100	65.5	32	300	254	18x8	32	110 kg
<b>DN400 (PN10)</b>	515	450	26x16	154	160	360	825	40	55	100	65.5	32	300	254	18x8	32	110 kg
<b>DN400 (Class150)</b>	597	539.8	22x16	154	160	360	825	40	55	100	65.5	32	300	254	18x8	32	110 kg
<b>DN450 (PN16)</b>	640	585	30x20	165	171	408	900	44	55	100	65.5	32	—	—	—	—	145 kg
<b>DN450 (PN10)</b>	565	505	26x20	165	171	408	900	44	55	100	65.5	32	—	—	—	—	145 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## U-Type Double Flanged Butterfly Valve

Dimensions per size (continued) · EFC-103

SIZE	D	K	BOLTS	C	C1	H	H1	B	STEM OD	STEM H	STEM T	STEM B3	TOP FLANGE ON	TOP FLANGE OM	TOP FLANGE OD2XN	TOP FLANGE B1	WEIGHT
<b>DN450 (Class150)</b>	635	577.9	25x20	165	171	408	900	44	55	100	65.5	32	—	—	—	—	145 kg
<b>DN500 (PN16)</b>	715	650	33x20	190	196	432	1000	—	60	120	85.5	32	350	298	22x8	35	184 kg
<b>DN500 (PN10)</b>	620	555	26x20	190	196	432	1000	—	60	120	85.5	32	350	298	22x8	35	184 kg
<b>DN500 (Class150)</b>	699	635	25x20	190	196	432	1000	—	60	120	85.5	32	350	298	22x8	35	184 kg
<b>DN600 (PN16)</b>	840	770	36x20	203	208	520	1100	—	80	170	97.5	40	415	356	33x8	—	262 kg
<b>DN600 (PN10)</b>	725	650	30x20	203	208	520	1100	—	80	170	97.5	40	415	356	33x8	—	262 kg
<b>DN600 (Class150)</b>	813	749.3	25x20	203	208	520	1100	—	80	170	97.5	40	415	356	33x8	—	262 kg
<b>DN700 (PN16)</b>	910	840	36x24	216	224	550	1150	—	80	170	97.5	40	415	356	33x8	—	350 kg
<b>DN700 (PN10)</b>	840	770	30x24	216	224	550	1150	—	80	170	97.5	40	415	356	33x8	—	350 kg
<b>DN700 (Class150)</b>	927	863.6	25x28	216	224	550	1150	—	80	170	97.5	40	415	356	33x8	—	350 kg
<b>DN800 (PN16)</b>	1025	950	39x28	254	262	630	1250	—	90	170	128.1	40	415	356	33x8	—	450 kg
<b>DN800 (PN10)</b>	950	875	33x24	254	262	630	1250	—	90	170	128.1	40	415	356	33x8	—	450 kg
<b>DN800 (Class150)</b>	1060	978	29x32	254	262	630	1250	—	90	170	128.1	40	415	356	33x8	—	450 kg
<b>DN900 (PN16)</b>	1125	1050	39x28	254	262	770	1350	—	90	170	128.1	40	415	356	33x8	—	582 kg
<b>DN900 (PN10)</b>	1050	975	33x28	254	262	770	1350	—	90	170	128.1	40	415	356	33x8	—	582 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

<b>DN900 (Class150)</b>	1168	1086	32x32	254	262	770	1350	—	90	170	128.1	40	415	356	33x8	—	582 kg
<b>DN1000 (PN16)</b>	1255	1170	42x28	280	288	840	1400	—	120	170	128.1	40	415	356	33x8	—	710 kg
<b>DN1000 (PN10)</b>	1160	1075	33x28	280	288	840	1400	—	120	170	128.1	40	415	356	33x8	—	710 kg
<b>DN1000 (Class150)</b>	1289	1200	32x36	280	288	840	1400	—	120	170	128.1	40	415	356	33x8	—	710 kg
<b>DN1100 (PN16)</b>	1355	1280	42x32	280	288	900	1500	—	120	170	128.1	40	415	356	33x8	—	1150 kg
<b>DN1100 (PN10)</b>	1270	1180	39x28	280	288	900	1500	—	120	170	128.1	40	415	356	33x8	—	1150 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## U-Type Double Flanged Butterfly Valve

Dimensions per size (continued) · EFC-103

SIZE	D	K	BOLTS	C	C1	H	H1	B	STEM OD	STEM H	STEM T	STEM B3	TOP FLANGE ON	TOP FLANGE OM	TOP FLANGE OD2XN	TOP FLANGE B1	WEIGHT
<b>DN1100 (Class150)</b>	1403	1314	35x32	280	288	900	1500	—	120	170	128.1	40	415	356	33x8	—	1150 kg
<b>DN1200 (PN16)</b>	1485	1390	42x32	280	288	970	1700	—	120	170	128.1	40	415	356	33x8	—	1300 kg
<b>DN1200 (PN10)</b>	1380	1280	42x32	280	288	970	1700	—	120	170	128.1	40	415	356	33x8	—	1300 kg
<b>DN1200 (Class150)</b>	1511	1422	41x32	280	288	970	1700	—	120	170	128.1	40	415	356	33x8	—	1300 kg
<b>DN1300 (PN16)</b>	1590	1490	48x36	280	288	1025	1800	—	120	170	128.1	40	415	356	33x8	—	1550 kg
<b>DN1300 (PN10)</b>	1490	1380	42x36	280	288	1025	1800	—	120	170	128.1	40	415	356	33x8	—	1550 kg
<b>DN1300 (Class150)</b>	1626	1537	41x36	280	288	1025	1800	—	120	170	128.1	40	415	356	33x8	—	1550 kg
<b>DN1400 (PN16)</b>	1685	1590	48x40	280	288	1025	1900	—	120	170	128.1	40	415	356	33x8	—	1810 kg
<b>DN1400 (PN10)</b>	1590	1490	42x36	280	288	1025	1900	—	120	170	128.1	40	415	356	33x8	—	1810 kg
<b>DN1400 (Class150)</b>	1746	1651	44x44	280	288	1025	1900	—	120	170	128.1	40	415	356	33x8	—	1810 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# LUG Type Butterfly Valve

REF **EFC-104** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN600</b>
Pressure	<b>PN16 (max)</b>
End connection	<b>lug (EN 1092-1) / lug (EN 1092-1) / lug (EN 1092-1) / lug (ASME B16.5) / lug (JIS B2220) / lug (JIS B2220)</b>



## MATERIALS

Body	<b>GGG40, WCB, Bronze Rg5, Al-Bronze, SS304, SS316</b>	Seat	<b>EPDM, NBR, VITON, PTFE</b>
Shaft	<b>SS420, SS304, SS316</b>	Disc	<b>GGG40, WCB, Al-Bronze, SS304, SS316</b>
Bushing	<b>Polymers</b>	O ring	<b>NBR</b>

## FEATURES

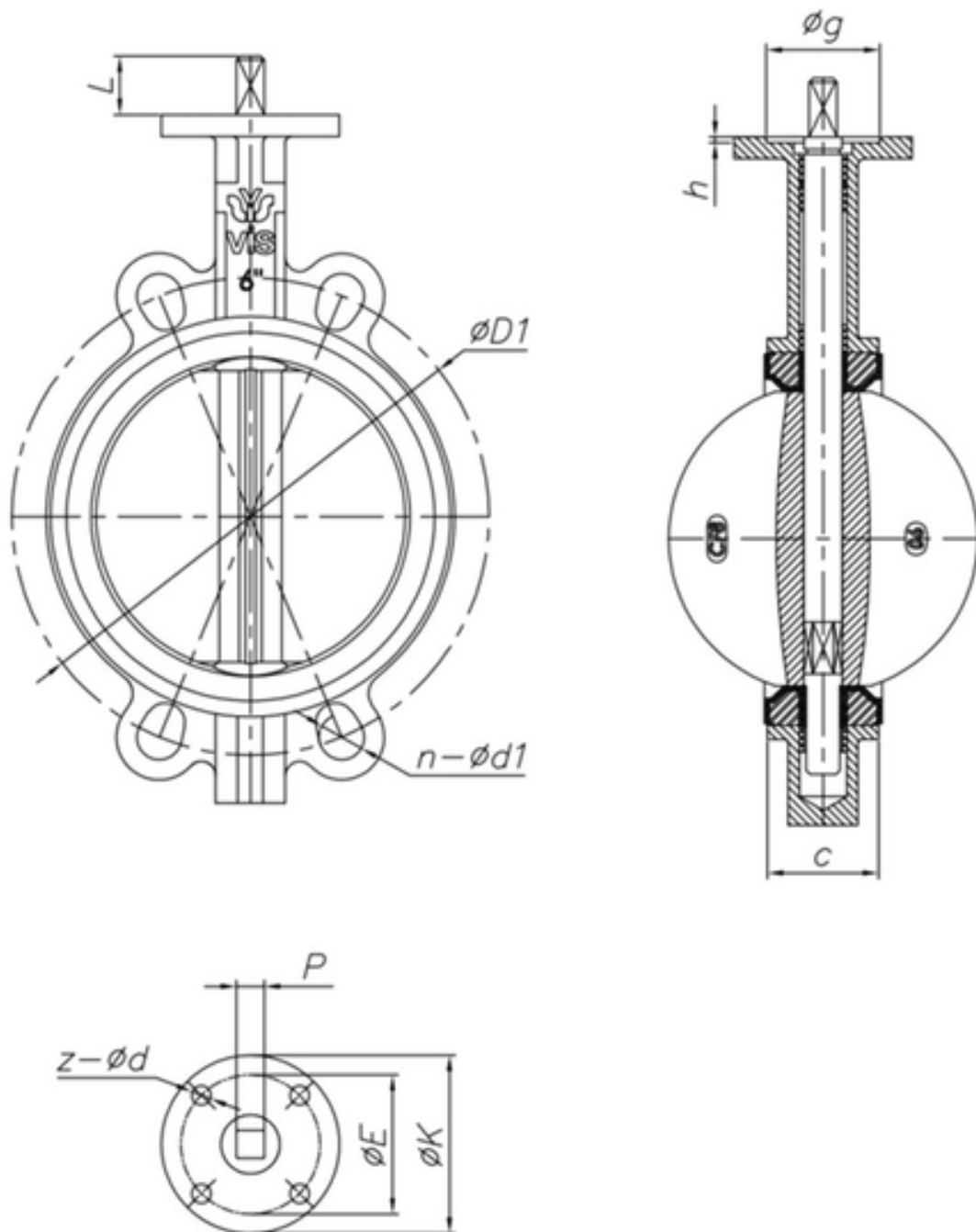
- Lug-type body allowing end-of-line service
- Top flange drilling to DIN EN ISO 5211 for actuator mounting
- Stem dimensions to DIN 3337
- Compatible with EN 1092-1 (PN6, PN10, PN16), ASME B16.5 Class 150, and JIS B2220 (5K, 10K) flanges
- Multiple seat elastomer options to suit varying media

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# LUG Type Butterfly Valve

SECTION Technical drawing 1 REF EFC-104



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# LUG Type Butterfly Valve

SECTION Dimensions per size REF EFC-104

SIZE	ØD1	N-ØD1	C	ØK	ØE	ØG	Z X ØD	H	L	P	5K ØD1	15K N-ØD1	10K ØD1	10K N-ØD1	WEIGHT
<b>DN50 (PN6)</b>	110	4-M12	43	65	50	35	4xØ7	3	32	9	105	4-M12	120	4-M16	4.6 kg
<b>DN50 (PN10)</b>	125	4-M16	43	65	50	35	4xØ7	3	32	9	105	4-M12	120	4-M16	4.6 kg
<b>DN50 (PN16)</b>	125	4-M16	43	65	50	35	4xØ7	3	32	9	105	4-M12	120	4-M16	4.6 kg
<b>DN50 (Class150)</b>	120.7	4-M16	43	65	50	35	4xØ7	3	32	9	105	4-M12	120	4-M16	4.6 kg
<b>DN65 (PN6)</b>	130	4-M12	43	65	50	35	4xØ7	3	32	9	130	4-M16	140	4-M16	5.2 kg
<b>DN65 (PN10)</b>	145	4-M16	43	65	50	35	4xØ7	3	32	9	130	4-M16	140	4-M16	5.2 kg
<b>DN65 (PN16)</b>	145	4-M16	43	65	50	35	4xØ7	3	32	9	130	4-M16	140	4-M16	5.2 kg
<b>DN65 (Class150)</b>	139.7	4-M16	43	65	50	35	4xØ7	3	32	9	130	4-M16	140	4-M16	5.2 kg
<b>DN80 (PN6)</b>	150	4-M16	46	65	50	35	4xØ7	3	32	11	145	4-M16	150	4-M16	6.8 kg
<b>DN80 (PN10)</b>	160	4-M16	46	65	50	35	4xØ7	3	32	11	145	4-M16	150	4-M16	6.8 kg
<b>DN80 (PN16)</b>	160	4-M16	46	65	50	35	4xØ7	3	32	11	145	4-M16	150	4-M16	6.8 kg
<b>DN80 (Class150)</b>	152.4	4-M16	46	65	50	35	4xØ7	3	32	11	145	4-M16	150	4-M16	6.8 kg
<b>DN100 (PN6)</b>	170	4-M16	52	90	70	55	4xØ9	3	32	14	165	8-M16	175	8-M16	8.5 kg
<b>DN100 (PN10)</b>	180	8-M16	52	90	70	55	4xØ9	3	32	14	165	8-M16	175	8-M16	8.5 kg
<b>DN100 (PN16)</b>	180	8-M16	52	90	70	55	4xØ9	3	32	14	165	8-M16	175	8-M16	8.5 kg
<b>DN100 (Class150)</b>	190.5	8-M16	52	90	70	55	4xØ9	3	32	14	165	8-M16	175	8-M16	8.5 kg
<b>DN125 (PN6)</b>	200	8-M16	52	90	70	55	4xØ9	3	32	14	200	8-M16	210	8-M20	10.5 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## LUG Type Butterfly Valve

Dimensions per size (continued) · EFC-104

SIZE	ØD1	N-ØD1	C	ØK	ØE	ØG	Z X ØD	H	L	P	5K ØD1	15K N-ØD1	10K ØD1	10K N-ØD1	WEIGHT
<b>DN125 (PN10)</b>	210	8-M16	52	90	70	55	4xØ9	3	32	14	200	8-M16	210	8-M20	10.5 kg
<b>DN125 (PN16)</b>	210	8-M20	52	90	70	55	4xØ9	3	32	14	200	8-M16	210	8-M20	10.5 kg
<b>DN125 (Class150)</b>	215.9	8-M20	52	90	70	55	4xØ9	3	32	14	200	8-M16	210	8-M20	10.5 kg
<b>DN150 (PN6)</b>	225	8-M16	56	90	70	55	4xØ9	3	32	17	230	8-M20	240	8-M20	12.5 kg
<b>DN150 (PN10)</b>	240	8-M20	56	90	70	55	4xØ9	3	32	17	230	8-M20	240	8-M20	12.5 kg
<b>DN150 (PN16)</b>	240	8-M20	56	90	70	55	4xØ9	3	32	17	230	8-M20	240	8-M20	12.5 kg
<b>DN150 (Class150)</b>	241.3	8-M20	56	90	70	55	4xØ9	3	32	17	230	8-M20	240	8-M20	12.5 kg
<b>DN200 (PN6)</b>	280	8-M16	60	125	102	70	4xØ12	4	45	22	280	8-M20	290	12-M20	20.2 kg
<b>DN200 (PN10)</b>	295	8-M20	60	125	102	70	4xØ12	4	45	22	280	8-M20	290	12-M20	20.2 kg
<b>DN200 (PN16)</b>	295	12-M20	60	125	102	70	4xØ12	4	45	22	280	8-M20	290	12-M20	20.2 kg
<b>DN200 (Class150)</b>	298.5	8-M20	60	125	102	70	4xØ12	4	45	22	280	8-M20	290	12-M20	20.2 kg
<b>DN250 (PN6)</b>	335	12-M16	68	125	102	70	4xØ12	4	45	22	345	12-M20	355	12-M20	29.5 kg
<b>DN250 (PN10)</b>	350	12-M20	68	125	102	70	4xØ12	4	45	22	345	12-M20	355	12-M20	29.5 kg
<b>DN250 (PN16)</b>	355	12-M24	68	125	102	70	4xØ12	4	45	22	345	12-M20	355	12-M20	29.5 kg
<b>DN250 (Class150)</b>	362	12-M20	68	125	102	70	4xØ12	4	45	22	345	12-M20	355	12-M20	29.5 kg
<b>DN300 (PN6)</b>	395	12-M20	78	125	102	70	4xØ12	4	45	27	390	12-M20	400	12-M20	46.5 kg
<b>DN300 (PN10)</b>	400	12-M20	78	125	102	70	4xØ12	4	45	27	390	12-M20	400	12-M20	46.5 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

<b>DN300 (PN16)</b>	410	12-M24	78	125	102	70	4xØ12	4	45	27	390	12-M20	400	12-M20	46.5 kg
<b>DN300 (Class150)</b>	431.8	12-M27	78	125	102	70	4xØ12	4	45	27	390	12-M20	400	12-M20	46.5 kg
<b>DN350 (PN6)</b>	445	16-M20	102	175	140	100	4xØ18	4	46	27	435	16-M22	445	16-M22	71 kg
<b>DN350 (PN10)</b>	460	16-M20	102	175	140	100	4xØ18	4	46	27	435	16-M22	445	16-M22	71 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## LUG Type Butterfly Valve

Dimensions per size (continued) · EFC-104

SIZE	ØD1	N-ØD1	C	ØK	ØE	ØG	Z X ØD	H	L	P	5K ØD15K N-ØD1	10K ØD1	10K N-ØD1	WEIGHT	
<b>DN350 (PN16)</b>	470	16-M24	102	175	140	100	4xØ18	4	46	27	435	16-M22	445	16-M22	71 kg
<b>DN350 (Class150)</b>	476.3	16-M27	102	175	140	100	4xØ18	4	46	27	435	16-M22	445	16-M22	71 kg
<b>DN400 (PN6)</b>	495	16-M20	114	175	140	100	4xØ18	4	51	36	495	16-M20	510	16-M24	107 kg
<b>DN400 (PN10)</b>	515	16-M24	114	175	140	100	4xØ18	4	51	36	495	16-M20	510	16-M24	107 kg
<b>DN400 (PN16)</b>	525	16-M27	114	175	140	100	4xØ18	4	51	36	495	16-M20	510	16-M24	107 kg
<b>DN400 (Class150)</b>	539.8	16-M30	114	175	140	100	4xØ18	4	51	36	495	16-M20	510	16-M24	107 kg
<b>DN450 (PN6)</b>	550	20-M20	127	210	165	130	4xØ18	4	64	36	555	20-M22	565	20-M24	140 kg
<b>DN450 (PN10)</b>	565	20-M24	127	210	165	130	4xØ18	4	64	36	555	20-M22	565	20-M24	140 kg
<b>DN450 (PN16)</b>	585	20-M27	127	210	165	130	4xØ18	4	64	36	555	20-M22	565	20-M24	140 kg
<b>DN450 (Class150)</b>	577.9	20-M30	127	210	165	130	4xØ18	4	64	36	555	20-M22	565	20-M24	140 kg
<b>DN500 (PN6)</b>	600	20-M24	154	210	165	130	4xØ18	4	70	36	605	20-M22	620	20-M24	186 kg
<b>DN500 (PN10)</b>	620	20-M24	154	210	165	130	4xØ18	4	70	36	605	20-M22	620	20-M24	186 kg
<b>DN500 (PN16)</b>	650	20-M30	154	210	165	130	4xØ18	4	70	36	605	20-M22	620	20-M24	186 kg
<b>DN500 (Class150)</b>	635	20-M30	154	210	165	130	4xØ18	4	70	36	605	20-M22	620	20-M24	186 kg
<b>DN600 (PN6)</b>	705	20-M24	154	210	165	130	4xØ23	5	70	36	715	20-M24	730	24-M30	267 kg
<b>DN600 (PN10)</b>	725	20-M27	154	210	165	130	4xØ23	5	70	36	715	20-M24	730	24-M30	267 kg
<b>DN600 (PN16)</b>	770	20-M33	154	210	165	130	4xØ23	5	70	36	715	20-M24	730	24-M30	267 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

<b>DN600</b> <b>(Class150)</b>	749.3	20-M33	154	210	165	130	4xØ23	5	70	36	715	20-M24	730	24-M30	267 kg
-----------------------------------	-------	--------	-----	-----	-----	-----	-------	---	----	----	-----	--------	-----	--------	--------

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-104** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

BUTTERFLY VALVE

# Wafer Type Butterfly Valve

REF **EFC-105** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN600</b>
Pressure	<b>PN16 (max)</b>
End connection	<b>wafer (EN 1092-1) / wafer (EN 1092-1) / wafer (EN 1092-1) / wafer (ASME B16.5) / wafer (JIS B2220) / wafer (JIS B2220)</b>

## ACTUATION

- manual lever — DIN EN ISO 5211
- pneumatic double-acting — DIN EN ISO 5211
- electric — DIN EN ISO 5211
- manual gearbox — DIN EN ISO 5211

## MATERIALS

Body	<b>GGG40, WCB, Bronze Rg5, Al-Bronze, SS304, SS316</b>	Seat	<b>EPDM, NBR, VITON, PTFE</b>
Shaft	<b>SS 420, SS 304, SS 316</b>	Disc	<b>GGG40, WCB, Al-Bronze, SS304, SS316</b>
Bushing	<b>Polymers</b>	O ring	<b>NBR</b>

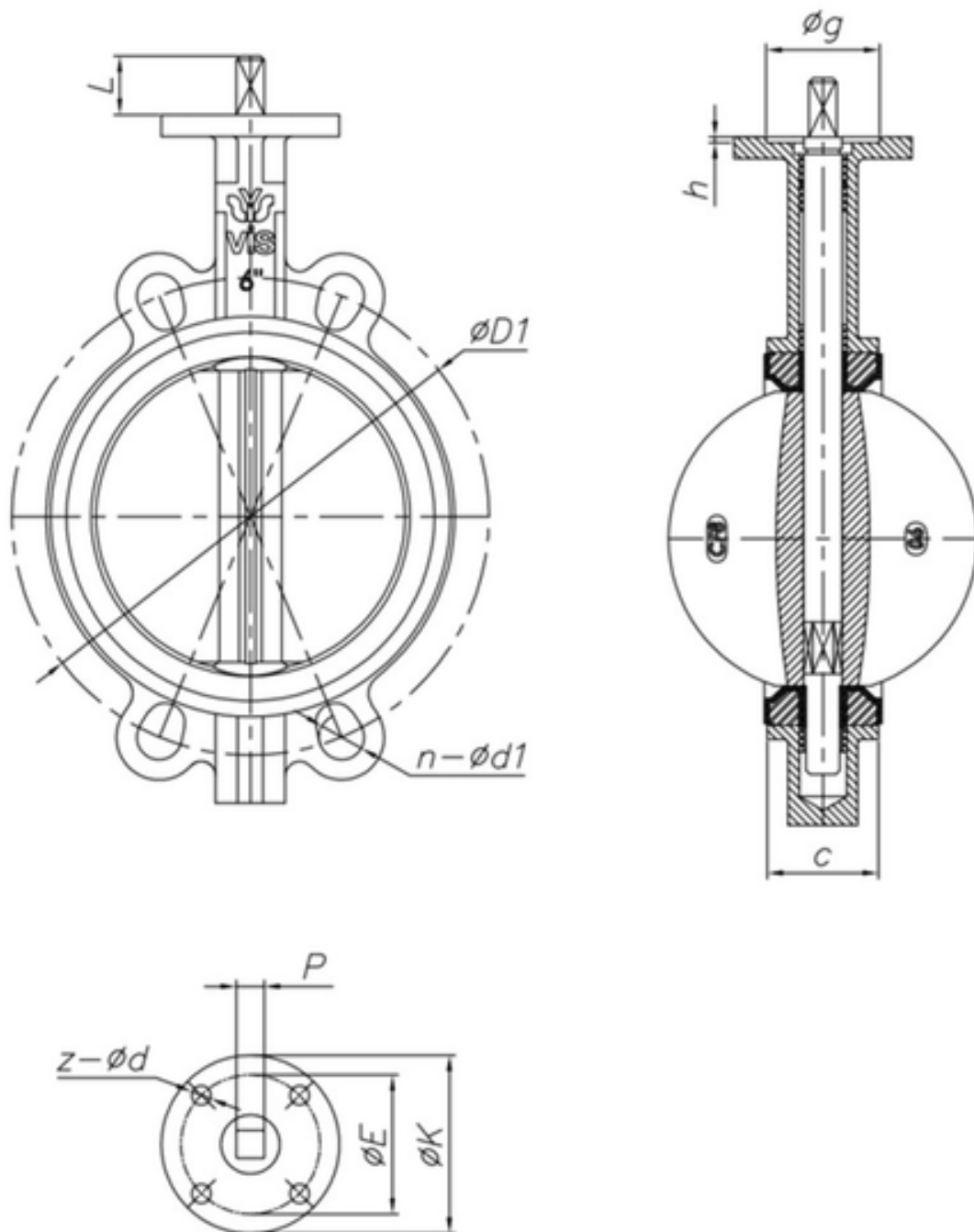


Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Wafer Type Butterfly Valve

SECTION Technical drawing 1 REF EFC-105



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Wafer Type Butterfly Valve

SECTION Dimensions per size REF EFC-105

SIZE	D1	BOLTS	C	L	PTOP	FLANGØP	KLANGØP	ELANGØP	GLANGØP	ZIANGØP	FLANGØP	FLANGØP D1	JIS5K BOLTS	JIS10K D1	JIS10K BOLTS	WEIGHT
<b>DN50 (PN6)</b>	110	4-14	43	46	9	65	50	35	4xØ7	3	105	4-19	120	4(8)-19	3.5 kg	
<b>DN50 (PN10)</b>	125	4-18	43	46	9	65	50	35	4xØ7	3	105	4-19	120	4(8)-19	3.5 kg	
<b>DN50 (PN16)</b>	125	4-18	43	46	9	65	50	35	4xØ7	3	105	4-19	120	4(8)-19	3.5 kg	
<b>DN50 (Class150)</b>	120.7	4-19	43	46	9	65	50	35	4xØ7	3	105	4-19	120	4(8)-19	3.5 kg	
<b>DN65 (PN6)</b>	130	4-14	43	46	9	65	50	35	4xØ7	3	130	4-19	140	4(8)-19	4 kg	
<b>DN65 (PN10)</b>	145	4-18	43	46	9	65	50	35	4xØ7	3	130	4-19	140	4(8)-19	4 kg	
<b>DN65 (PN16)</b>	145	4-18	43	46	9	65	50	35	4xØ7	3	130	4-19	140	4(8)-19	4 kg	
<b>DN65 (Class150)</b>	139.7	4-19	43	46	9	65	50	35	4xØ7	3	130	4-19	140	4(8)-19	4 kg	
<b>DN80 (PN6)</b>	150	4-18	46	46	11	90	70	55	4xØ9	3	145	4(8)-19	150	4(8)-19	4.4 kg	
<b>DN80 (PN10)</b>	160	4(8)-18	46	46	11	90	70	55	4xØ9	3	145	4(8)-19	150	4(8)-19	4.4 kg	
<b>DN80 (PN16)</b>	160	4(8)-18	46	46	11	90	70	55	4xØ9	3	145	4(8)-19	150	4(8)-19	4.4 kg	
<b>DN80 (Class150)</b>	152.4	4(8)-19	46	46	11	90	70	55	4xØ9	3	145	4(8)-19	150	4(8)-19	4.4 kg	
<b>DN100 (PN6)</b>	170	4(8)-18	52	52	11	90	70	55	4xØ9	3	165	4(8)-19	175	4(8)-19	6 kg	
<b>DN100 (PN10)</b>	180	4(8)-18	52	52	11	90	70	55	4xØ9	3	165	4(8)-19	175	4(8)-19	6 kg	
<b>DN100 (PN16)</b>	180	4(8)-18	52	52	11	90	70	55	4xØ9	3	165	4(8)-19	175	4(8)-19	6 kg	
<b>DN100 (Class150)</b>	190.5	4(8)-19	52	52	11	90	70	55	4xØ9	3	165	4(8)-19	175	4(8)-19	6 kg	
<b>DN125 (PN6)</b>	200	4(12)-18	56	32	14	90	70	55	4xØ9	3	200	4(8)-19	210	4(8)-23	7.3 kg	

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Wafer Type Butterfly Valve

Dimensions per size (continued) · EFC-105

SIZE	D1	BOLTS	C	L	PTOP	FLANGE_K	FLANGE_L	FLANGE_G	FLANGE_F	FLANGE_H	FLANGE_I	FLANGE_J	FLANGE_K	FLANGE_L	FLANGE_M	WEIGHT
<b>DN125 (PN10)</b>	210	4(8)-23	56	32	14	90	70	55	4xØ9	3	200	4(8)-19	210	4(8)-23	7.3 kg	
<b>DN125 (PN16)</b>	210	4(8)-23	56	32	14	90	70	55	4xØ9	3	200	4(8)-19	210	4(8)-23	7.3 kg	
<b>DN125 (Class150)</b>	215.9	4(8)-23	56	32	14	90	70	55	4xØ9	3	200	4(8)-19	210	4(8)-23	7.3 kg	
<b>DN150 (PN6)</b>	225	4(12)-23	56	32	14	125	102	70	4xØ12	3	230	4(12)-25	240	4(8)-23	8.5 kg	
<b>DN150 (PN10)</b>	240	4(12)-23	56	32	14	125	102	70	4xØ12	3	230	4(12)-25	240	4(8)-23	8.5 kg	
<b>DN150 (PN16)</b>	240	4(12)-23	56	32	14	125	102	70	4xØ12	3	230	4(12)-25	240	4(8)-23	8.5 kg	
<b>DN150 (Class150)</b>	241.3	4(12)-23	56	32	14	125	102	70	4xØ12	3	230	4(12)-25	240	4(8)-23	8.5 kg	
<b>DN200 (PN6)</b>	280	4(12)-23	60	32	17	125	102	70	4xØ12	3	280	4(12)-25	290	4(12)-23	15.8 kg	
<b>DN200 (PN10)</b>	295	4(12)-23	60	32	17	125	102	70	4xØ12	3	280	4(12)-25	290	4(12)-23	15.8 kg	
<b>DN200 (PN16)</b>	295	4(12)-23	60	32	17	125	102	70	4xØ12	3	280	4(12)-25	290	4(12)-23	15.8 kg	
<b>DN200 (Class150)</b>	298.5	4(12)-23	60	32	17	125	102	70	4xØ12	3	280	4(12)-25	290	4(12)-23	15.8 kg	
<b>DN250 (PN6)</b>	335	4(12)-23	68	45	17	175	140	100	4xØ18	4	345	4(12)-25	355	4(16)-25	22.4 kg	
<b>DN250 (PN10)</b>	350	4(16)-23	68	45	17	175	140	100	4xØ18	4	345	4(12)-25	355	4(16)-25	22.4 kg	
<b>DN250 (PN16)</b>	350	4(12)-27	68	45	17	175	140	100	4xØ18	4	345	4(12)-25	355	4(16)-25	22.4 kg	
<b>DN250 (Class150)</b>	362	4(12)-27	68	45	17	175	140	100	4xØ18	4	345	4(12)-25	355	4(16)-25	22.4 kg	
<b>DN300 (PN6)</b>	390	4(12)-23	78	45	22	175	140	100	4xØ18	4	390	4(12)-25	400	4(16)-25	32.9 kg	
<b>DN300 (PN10)</b>	400	4(16)-27	78	45	22	175	140	100	4xØ18	4	390	4(12)-25	400	4(16)-25	32.9 kg	

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

<b>DN300 (PN16)</b>	400	4(16)-27	78	45	22	175	140	100	4xØ18	4	390	4(12)-25	400	4(16)-25	32.9 kg
<b>DN300 (Class150)</b>	431.8	4(16)-27	78	45	22	175	140	100	4xØ18	4	390	4(12)-25	400	4(16)-25	32.9 kg
<b>DN350 (PN6)</b>	445	4(16)-23	78	46	22	175	140	100	4xØ18	4	435	4(16)-25	445	4(16)-27	54 kg
<b>DN350 (PN10)</b>	460	4(16)-27	78	46	22	175	140	100	4xØ18	4	435	4(16)-25	445	4(16)-27	54 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Wafer Type Butterfly Valve

Dimensions per size (continued) · EFC-105

SIZE	D1	BOLTS	C	L	PTOP	FLANGE_K	FLANGE_L	FLANGE_G	FLANGE_F	FLANGE_B	FLANGE_S	D1	JIS5K BOLTS	JIS10K D1	JIS10K BOLTS	WEIGHT
<b>DN350 (PN16)</b>	470	4(16)-27	78	46	22	175	140	100	4xØ18	4	435	4(16)-25	445	4(16)-27	54 kg	
<b>DN350 (Class150)</b>	476.3	4(16)-30	78	46	22	175	140	100	4xØ18	4	435	4(16)-25	445	4(16)-27	54 kg	
<b>DN400 (PN6)</b>	495	4(20)-23	102	51	27	210	165	130	4xØ23	5	495	4(20)-25	510	4(16)-27	76 kg	
<b>DN400 (PN10)</b>	515	4(20)-27	102	51	27	210	165	130	4xØ23	5	495	4(20)-25	510	4(16)-27	76 kg	
<b>DN400 (PN16)</b>	525	4(20)-27	102	51	27	210	165	130	4xØ23	5	495	4(20)-25	510	4(16)-27	76 kg	
<b>DN400 (Class150)</b>	539.8	4(16)-30	102	51	27	210	165	130	4xØ23	5	495	4(20)-25	510	4(16)-27	76 kg	
<b>DN450 (PN6)</b>	550	4(20)-28	114	64	27	210	165	130	4xØ23	5	555	4(20)-25	565	4(16)-27	93 kg	
<b>DN450 (PN10)</b>	565	4(20)-27	114	64	27	210	165	130	4xØ23	5	555	4(20)-25	565	4(16)-27	93 kg	
<b>DN450 (PN16)</b>	585	4(20)-30	114	64	27	210	165	130	4xØ23	5	555	4(20)-25	565	4(16)-27	93 kg	
<b>DN450 (Class150)</b>	577.9	4(20)-33	114	64	27	210	165	130	4xØ23	5	555	4(20)-25	565	4(16)-27	93 kg	
<b>DN500 (PN6)</b>	600	4(20)-28	127	70	36	210	165	130	4xØ23	5	605	4(20)-25	620	4(20)-27	133 kg	
<b>DN500 (PN10)</b>	620	4(20)-30	127	70	36	210	165	130	4xØ23	5	605	4(20)-25	620	4(20)-27	133 kg	
<b>DN500 (PN16)</b>	650	4(20)-33	127	70	36	210	165	130	4xØ23	5	605	4(20)-25	620	4(20)-27	133 kg	
<b>DN500 (Class150)</b>	635	4(20)-36	127	70	36	210	165	130	4xØ23	5	605	4(20)-25	620	4(20)-27	133 kg	
<b>DN600 (PN6)</b>	705	4(20)-28	154	—	36	210	165	130	4xØ23	5	715	4(20)-27	730	4(24)-33	198 kg	
<b>DN600 (PN10)</b>	725	4(20)-30	154	—	36	210	165	130	4xØ23	5	715	4(20)-27	730	4(24)-33	198 kg	
<b>DN600 (PN16)</b>	770	4(20)-30	154	—	36	210	165	130	4xØ23	5	715	4(20)-27	730	4(24)-33	198 kg	

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

<b>DN600 (Class150)</b>	749.3	4(24)-33	154	—	36	210	165	130	4xØ23	5	715	4(20)-27	730	4(24)-33	198 kg
-----------------------------	-------	----------	-----	---	----	-----	-----	-----	-------	---	-----	----------	-----	----------	--------

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-105** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

BUTTERFLY VALVE

# Flanged Type Butterfly Valve

REF **EFC-107** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN600</b>
Pressure	<b>PN16 (16 bar)</b>
End connection	<b>flanged (EN 1092-1) / flanged (EN 1092-1) / flanged (EN 1092-1) / flanged (ASME B16.5) / flanged (JIS B2220) / flanged (JIS B2220)</b>

## ACTUATION

- manual lever — DIN EN ISO 5211
- pneumatic double-acting — DIN EN ISO 5211
- pneumatic single-acting — DIN EN ISO 5211
- electric actuator — DIN EN ISO 5211
- manual gearbox — DIN EN ISO 5211

## MATERIALS

Body	<b>GGG40, WCB, Bronze Rg5, Al-Bronze, SS304, SS316</b>	Seat	<b>EPDM, NBR, VITON, PTFE</b>
Shaft	<b>SS 420, SS 304, SS 316</b>	Disc	<b>GGG40, WCB, Al-Bronze, SS304, SS316</b>
Bushing	<b>Polymers</b>	O ring	<b>NBR</b>

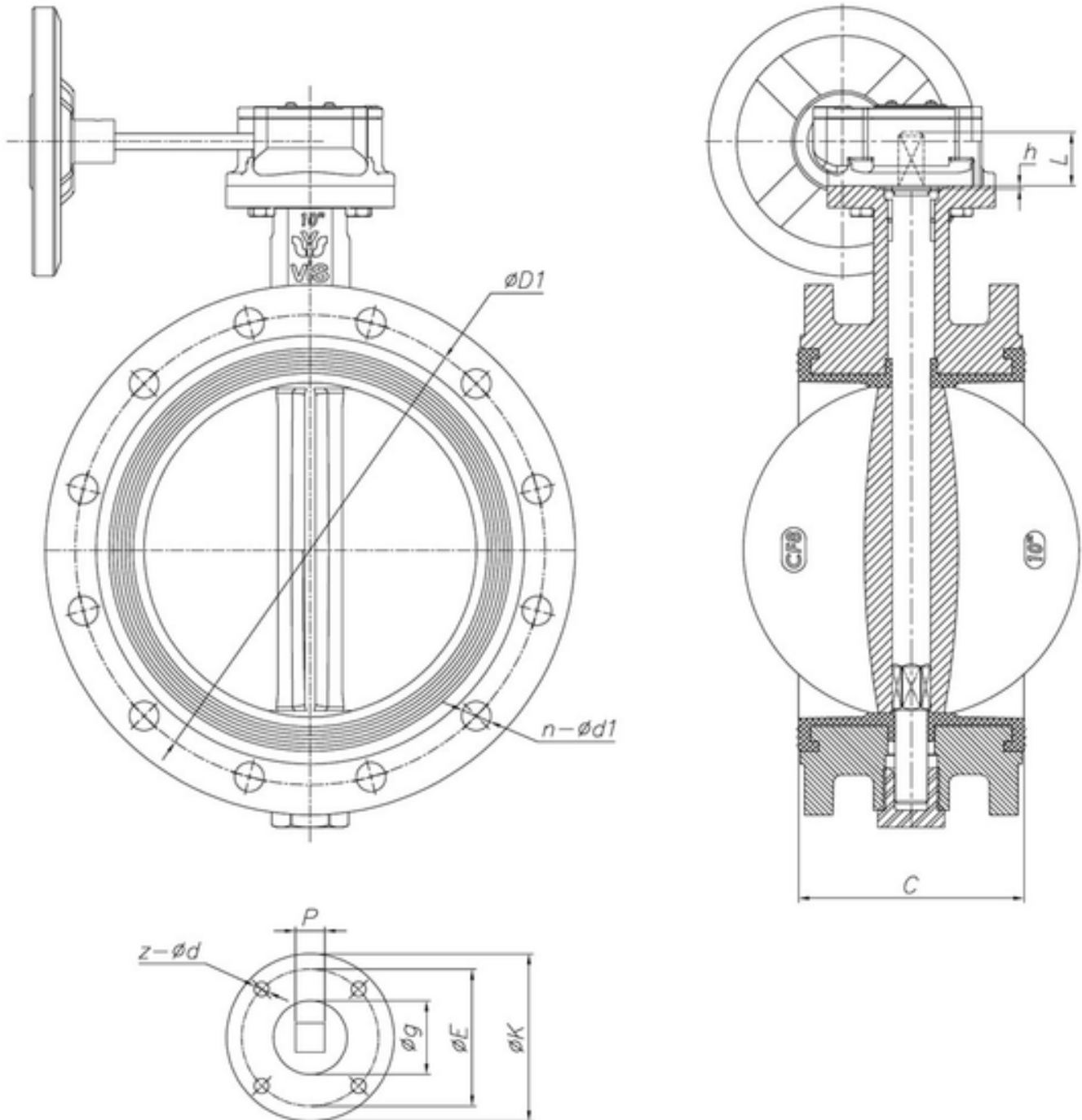


Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Flanged Type Butterfly Valve

SECTION Technical drawing 1 REF EFC-107



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Flanged Type Butterfly Valve

SECTION Dimensions per size REF EFC-107

SIZE	OD1	BOLTS	CTOP_FLANG	TP_ØKAN	TP_ØEAN	TP_ØGAN	TP_ZDNGE	TP_M_L	STEM_P	JIS5K OD1	JIS5K BOLTS	JIS10K OD1	JIS10K BOLTS	WEIGHT	
<b>DN50 (PN6)</b>	110	4x14	108	65	50	35	4xO7	3	32	9	105	4x15	120	4x19	8 kg
<b>DN50 (PN10)</b>	125	4x18	108	65	50	35	4xO7	3	32	9	105	4x15	120	4x19	8 kg
<b>DN50 (PN16)</b>	125	4x18	108	65	50	35	4xO7	3	32	9	105	4x15	120	4x19	8 kg
<b>DN50 (Class150)</b>	120.7	4x19	108	65	50	35	4xO7	3	32	9	105	4x15	120	4x19	8 kg
<b>DN65 (PN6)</b>	130	4x18	112	65	50	35	4xO7	3	32	9	130	4x19	140	4x19	9 kg
<b>DN65 (PN10)</b>	145	4x18	112	65	50	35	4xO7	3	32	9	130	4x19	140	4x19	9 kg
<b>DN65 (PN16)</b>	145	4x18	112	65	50	35	4xO7	3	32	9	130	4x19	140	4x19	9 kg
<b>DN65 (Class150)</b>	139.7	4x19	112	65	50	35	4xO7	3	32	9	130	4x19	140	4x19	9 kg
<b>DN80 (PN6)</b>	150	8x18	114	65	50	35	4xO7	3	32	9	145	8x19	150	8x23	11 kg
<b>DN80 (PN10)</b>	160	8x18	114	65	50	35	4xO7	3	32	9	145	8x19	150	8x23	11 kg
<b>DN80 (PN16)</b>	160	8x18	114	65	50	35	4xO7	3	32	9	145	8x19	150	8x23	11 kg
<b>DN80 (Class150)</b>	152.4	4x19	114	65	50	35	4xO7	3	32	9	145	8x19	150	8x23	11 kg
<b>DN100 (PN6)</b>	170	8x18	127	65	50	35	4xO7	3	32	11	165	8x19	175	8x19	13 kg
<b>DN100 (PN10)</b>	180	8x18	127	65	50	35	4xO7	3	32	11	165	8x19	175	8x19	13 kg
<b>DN100 (PN16)</b>	180	8x18	127	65	50	35	4xO7	3	32	11	165	8x19	175	8x19	13 kg
<b>DN100 (Class150)</b>	190.5	8x22	127	65	50	35	4xO7	3	32	11	165	8x19	175	8x19	13 kg
<b>DN125 (PN6)</b>	200	8x23	140	90	70	55	4xO9	3	45	14	200	8x19	210	8x23	17 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Flanged Type Butterfly Valve

Dimensions per size (continued) · EFC-107

SIZE	OD1	BOLTS	CTOP_FLANGE	CFKANTOP_FLANGE	CFEANTOP_FLANGE	CFGANTOP_FLANGE	CFDANTOP_FLANGE	CFEANTOP_FLANGE	CFGANTOP_FLANGE	CFDANTOP_FLANGE	STEM_L	STEM_P	JIS5K OD1	JIS5K BOLTS	JIS10K OD1	JIS10K BOLTS	WEIGHT
<b>DN125 (PN10)</b>	210	8x23	140	90	70	55	4xO9	3	45	14	200	8x19	210	8x23			17 kg
<b>DN125 (PN16)</b>	210	8x23	140	90	70	55	4xO9	3	45	14	200	8x19	210	8x23			17 kg
<b>DN125 (Class150)</b>	215.9	8x19	140	90	70	55	4xO9	3	45	14	200	8x19	210	8x23			17 kg
<b>DN150 (PN6)</b>	225	8x23	152	90	70	55	4xO9	3	45	17	230	8x23	240	8x23			23 kg
<b>DN150 (PN10)</b>	240	8x23	152	90	70	55	4xO9	3	45	17	230	8x23	240	8x23			23 kg
<b>DN150 (PN16)</b>	240	8x23	152	90	70	55	4xO9	3	45	17	230	8x23	240	8x23			23 kg
<b>DN150 (Class150)</b>	241.3	8x22	152	90	70	55	4xO9	3	45	17	230	8x23	240	8x23			23 kg
<b>DN200 (PN6)</b>	280	12x18	165	90	70	55	4xO9	3	45	22	280	12x23	290	12x23			32 kg
<b>DN200 (PN10)</b>	295	8x23	165	90	70	55	4xO9	3	45	22	280	12x23	290	12x23			32 kg
<b>DN200 (PN16)</b>	295	8x23	165	90	70	55	4xO9	3	45	22	280	12x23	290	12x23			32 kg
<b>DN200 (Class150)</b>	298.5	8x19	165	90	70	55	4xO9	3	45	22	280	12x23	290	12x23			32 kg
<b>DN250 (PN6)</b>	335	12x23	178	125	102	70	4xO12	4	46	22	345	12x23	355	12x25			50 kg
<b>DN250 (PN10)</b>	350	12x23	178	125	102	70	4xO12	4	46	22	345	12x23	355	12x25			50 kg
<b>DN250 (PN16)</b>	355	12x23	178	125	102	70	4xO12	4	46	22	345	12x23	355	12x25			50 kg
<b>DN250 (Class150)</b>	362	12x29	178	125	102	70	4xO12	4	46	22	345	12x23	355	12x25			50 kg
<b>DN300 (PN6)</b>	395	12x23	190	125	102	70	4xO12	4	51	27	390	12x23	400	16x25			65 kg
<b>DN300 (PN10)</b>	400	12x23	190	125	102	70	4xO12	4	51	27	390	12x23	400	16x25			65 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

<b>DN300 (PN16)</b>	410	12x27	190	125	102	70	4xO12	4	51	27	390	12x23	400	16x25	65 kg
<b>DN300 (Class150)</b>	431.8	16x29	190	125	102	70	4xO12	4	51	27	390	12x23	400	16x25	65 kg
<b>DN350 (PN6)</b>	445	16x23	216	175	140	100	4xO18	4	64	36	435	16x23	445	16x25	95 kg
<b>DN350 (PN10)</b>	460	16x27	216	175	140	100	4xO18	4	64	36	435	16x23	445	16x25	95 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Flanged Type Butterfly Valve

Dimensions per size (continued) · EFC-107

SIZE	OD1	BOLTS	CTOP_FLANGE	CFKANTOP_FLANGE	CFEANTOP_FLANGE	CFDANTOP_FLANGE	CFDANTOP_FLANGE	CFDANTOP_FLANGE	CFDANTOP_FLANGE	STEM_L	STEM_P	JIS5K OD1	JIS5K BOLTS	JIS10K OD1	JIS10K BOLTS	WEIGHT
<b>DN350 (PN16)</b>	470	16x30	216	175	140	100	4xO18	4	64	36	435	16x23	445	16x25	95 kg	
<b>DN350 (Class150)</b>	476.3	16x29	216	175	140	100	4xO18	4	64	36	435	16x23	445	16x25	95 kg	
<b>DN400 (PN6)</b>	495	16x23	222	175	140	100	4xO18	4	70	36	495	16x25	510	20x27	130 kg	
<b>DN400 (PN10)</b>	515	16x27	222	175	140	100	4xO18	4	70	36	495	16x25	510	20x27	130 kg	
<b>DN400 (PN16)</b>	525	16x30	222	175	140	100	4xO18	4	70	36	495	16x25	510	20x27	130 kg	
<b>DN400 (Class150)</b>	539.8	20x32	222	175	140	100	4xO18	4	70	36	495	16x25	510	20x27	130 kg	
<b>DN450 (PN6)</b>	550	20x23	229	210	165	130	4xO23	5	70	36	555	20x25	565	20x27	150 kg	
<b>DN450 (PN10)</b>	565	20x27	229	210	165	130	4xO23	5	70	36	555	20x25	565	20x27	150 kg	
<b>DN450 (PN16)</b>	585	20x33	229	210	165	130	4xO23	5	70	36	555	20x25	565	20x27	150 kg	
<b>DN450 (Class150)</b>	—	20x35	229	210	165	130	4xO23	5	70	36	555	20x25	565	20x27	150 kg	
<b>DN500 (PN6)</b>	600	20x23	267	210	165	130	4xO23	5	70	36	605	20x27	620	24x33	200 kg	
<b>DN500 (PN10)</b>	620	20x30	267	210	165	130	4xO23	5	70	36	605	20x27	620	24x33	200 kg	
<b>DN500 (PN16)</b>	650	20x36	267	210	165	130	4xO23	5	70	36	605	20x27	620	24x33	200 kg	
<b>DN500 (Class150)</b>	635	20x35	267	210	165	130	4xO23	5	70	36	605	20x27	620	24x33	200 kg	
<b>DN600 (PN6)</b>	705	20x28	—	210	165	130	4xO23	5	—	—	715	20x27	730	24x33	300 kg	
<b>DN600 (PN10)</b>	725	20x30	—	210	165	130	4xO23	5	—	—	715	20x27	730	24x33	300 kg	
<b>DN600 (PN16)</b>	770	20x36	—	210	165	130	4xO23	5	—	—	715	20x27	730	24x33	300 kg	

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

<b>DN600</b> <b>(Class150)</b>	749.3	20x35	—	210	165	130	4xO23	5	—	—	715	20x27	730	24x33	300 kg
-----------------------------------	-------	-------	---	-----	-----	-----	-------	---	---	---	-----	-------	-----	-------	--------

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-107** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

BUTTERFLY VALVE

# 4 inch butterfly valve Ductile iron EPDM Seat

REF **EFC-237** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	4 inch to 4 inch
Pressure	PN10 to PN16
End connection	wafer / lug / flanged (DIN2501) / flanged (ANSI) / flanged (BS4504) / flanged (JIS)
Face-to-face	API609, DIN3202, ISO5752, BS5155
Temperature	-29°C to 121°C
Media	water, air, gas, steam, non-viscous fluids, potable water, wastewater

## ACTUATION

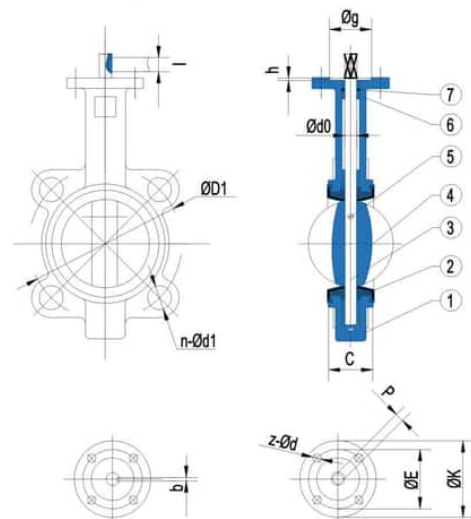
- manual lever — ISO5211
- gear operator — ISO5211
- pneumatic actuator — ISO5211
- electric actuator — ISO5211

## STANDARDS

Design	API609, ANSI16.34, JISB2064, GB T12238
Test	API598

## APPLICATIONS

- Water distribution
- Wastewater treatment
- Building services
- HVAC
- Water supply and sewage
- Food and beverage
- Chemical/petrochemical/processing
- Power and utilities
- Paper and pulp
- Shipbuilding



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

---

Body	<b>Ductile iron, Stainless Steel, Aluminum</b>	Disc	<b>Stainless Steel</b>
Stem	<b>Stainless Steel</b>	Seat	<b>EPDM, NBR, PTFE, VITON, HYPALON</b>
O ring	<b>EPDM, NBR</b>		

---

## FEATURES

- Compact structure, 90° rotation for rapid open/close operation
- Eccentric disc structure reduces friction on seat seal and extends valve service life
- Zero-leakage sealing
- Modular design for straightforward assembly and disassembly
- Body size 4 inches (100 mm)

## OPTIONS & NOTES

- Pressure range depends on materials and design
- Temperature range depends on materials selected
- Custom company logo on valve body available on request
- Different colours available on request
- Different standard configurations available for different markets

BUTTERFLY VALVE

# Aluminum Bronze Disc EPDM Seat Lug Butterfly Valve with Gear Operator

REF **EFC-239** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1200</b>
Pressure	<b>PN10 to Class 300</b>
End connection	<b>lug (DIN 2501) / lug (ANSI) / lug (BS 4504) / lug (JIS)</b>
Face-to-face	<b>API 609, DIN 3202, ISO 5752, BS 5155</b>
Temperature	<b>-30°C to 135°C</b>
Media	<b>water, wastewater, chemicals, air, steam, oil, acids, salts</b>

## ACTUATION

- gear operator — Manual worm gear for reduced operating torque on medium and large diameters — ISO 5211 top flange

## STANDARDS

Design	<b>API 609, ANSI 16.34, JIS B2064, GB/T 12238</b>
Test	<b>API 598</b>

## APPLICATIONS

- Water supply networks
- Cooling water systems
- Marine-related installations
- General industrial pipelines
- On-off isolation service



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CI, DI, CS, SS</b>	Disc	<b>Aluminum Bronze</b>
Stem	<b>SS416, SS316, SS304, CS</b>	Seat	<b>EPDM, PTFE, VITON, NBR, Hypalon</b>
Bushing	<b>PTFE, Bronze</b>	O ring	<b>NBR, EPDM</b>
Pin	<b>SS</b>		

**FEATURES**

- Lug-type body allowing secure bolting to pipeline
- Supports end-of-line service
- Aluminium bronze disc for resistance to seawater and corrosive media
- EPDM seat for sealing on clean water, wastewater, and non-aggressive fluids
- Gear operator for controlled manual operation at medium and large diameters
- Lug-type body configuration
- Gear-operated (worm gearbox actuator)
- Rubber-lined seat/liner
- Stainless steel disc
- Through-stem (bottom stem retained) design
- Raised bolt-hole lugs on body periphery

**OPTIONS & NOTES**

- Product listing includes seat options beyond EPDM: NBR, PTFE, Viton, Neoprene, Hypalon, Silicone
- Bushing material listed as EPDM in product summary but PTFE/Bronze in standard materials table

BUTTERFLY VALVE

# Aluminum Bronze Disc EPDM Seat Lug Butterfly Valve with Handle

REF **EFC-240** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1200</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>lug (DIN2501) / lug (ANSI) / lug (BS4504) / lug (JIS)</b>
Face-to-face	<b>API609, DIN3202, ISO5752, BS5155</b>
Temperature	<b>-30°C to 135°C</b>
Media	<b>Chemicals, air, water, steam, oil, acids, salts</b>

## ACTUATION

- manual lever — Handle operation for direct on-off control — ISO5211 top flange

## STANDARDS

Design	<b>API609, ANSI16.34, JISB2064, GB T12238</b>
Test	<b>API598</b>

## APPLICATIONS

- Water supply networks
- Cooling water systems
- Marine-related installations
- General industrial pipelines
- Wastewater



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CI, DI, CS, SS</b>	Disc	<b>Aluminum Bronze</b>
Stem	<b>SS416, SS316, SS304, CS</b>	Seat	<b>EPDM, NBR, PTFE, VITON, HYPALON</b>
O ring	<b>NBR, EPDM</b>	Bushing	<b>PTFE, Bronze</b>
Pin	<b>SS</b>		

**FEATURES**

- Lug-type body supports end-of-line service
- Aluminium bronze disc for corrosion resistance in seawater and corrosive media
- EPDM seat for sealing in clean water, wastewater, and non-aggressive fluids
- Manual handle for direct on-off isolation
- Multiple body, seat, and stem material options available
- Lug-type body configuration
- Lever-operated with notched lockable handle
- Stainless steel disc
- Rubber-lined seat/liner (EPDM or similar, black)
- Threaded lug holes (red plugged) for dead-end service
- Split-stem design visible in sectional drawing
- ISO 5211 top flange for actuator mounting
- Components numbered 1-7 in sectional diagram: 1-lower stem, 2-body, 3-disc, 4-seat/liner, 5-upper stem, 6-stem seal, 7-top flange/bracket

**OPTIONS & NOTES**

- Seat options include: EPDM, NBR, PTFE, Viton, Neoprene, Hypalon, Silicon (from short description)
- Nominal pressure also stated as 150-300LB in addition to PN10/16

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Aluminum Bronze Disc PTFE Seat Lug Butterfly Valve with Gear Operator

REF **EFC-241** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1200</b>
Pressure	<b>PN10 to Class 300</b>
End connection	<b>lug (DIN 2501) / lug (ANSI) / lug (BS 4504) / lug (JIS)</b>
Face-to-face	<b>API 609, DIN 3202, ISO 5752, BS 5155</b>
Temperature	<b>-30°C to 135°C</b>
Media	<b>chemicals, air, water, steam, oil, acids, salts</b>

## ACTUATION

- gear operator — Worm gear for manual operation; torque reduction for medium and large diameters — ISO 5211 top flange

## STANDARDS

Design	<b>API 609, ANSI 16.34, JIS B2064, GB/T 12238</b>
Test	<b>API 598</b>

## APPLICATIONS

- Marine installations
- Chemical processing systems
- Cooling water lines
- Industrial water treatment pipelines



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CI, DI, CS, SS</b>	Disc	<b>Aluminum Bronze</b>
Stem	<b>SS416, SS316, SS304, CS</b>	Seat	<b>EPDM, PTFE, VITON, NBR, Hypalon</b>
Bushing	<b>PTFE, Bronze</b>	O ring	<b>NBR, EPDM</b>
Pin	<b>SS</b>		

**FEATURES**

- Aluminium bronze disc providing resistance to seawater and chemically aggressive environments
- PTFE seat providing stable sealing performance and low operating friction
- Lug-type body allowing secure bolting and end-of-line service
- Gear operator for controlled manual actuation in medium and large diameters
- Suitable for on-off isolation service; not intended for flow regulation
- Lug-type body configuration
- Gearbox (worm gear) actuator fitted
- PTFE/white polymer seat lining visible
- Stainless steel disc
- Red threaded lug inserts in body
- Stem with upper and lower bearings (items 4 and 5 in diagram)
- 7-part construction visible in sectional diagram: body (1), seat (2), disc (3), lower stem bearing (4), upper stem bearing (5), stem (6), gland/packing (7)

**OPTIONS & NOTES**

- Our products hold up to 10 international authoritative certification certificates, ensuring compliance with global standards.

BUTTERFLY VALVE

# Aluminum Bronze Disc PTFE Seat Lug Butterfly Valve with Handle

REF **EFC-242** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1200</b>
Pressure	<b>PN10 to Class 300</b>
End connection	<b>lug (DIN 2501) / lug (ANSI) / lug (BS 4504) / lug (JIS)</b>
Face-to-face	<b>API 609, DIN 3202, ISO 5752, BS 5155</b>
Temperature	<b>-30°C to 135°C</b>
Media	<b>chemicals, air, water, steam, oil, acids, salts</b>



## ACTUATION

- manual lever — Handle — ISO 5211 top flange

## STANDARDS

Design	<b>API 609, ANSI 16.34, JIS B2064, GB/T 12238</b>
Test	<b>API 598</b>

## APPLICATIONS

- Marine systems
- Chemical processing lines
- Cooling water networks
- Industrial water treatment



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CI, DI, CS, SS</b>	Disc	<b>Aluminum Bronze</b>
Stem	<b>SS416, SS316, SS304</b>	Seat	<b>EPDM, NBR, PTFE, VITON, HYPALON</b>
Bushing	<b>PTFE</b>	O ring	<b>NBR, EPDM</b>
Pin	<b>SS</b>		

**FEATURES**

- Aluminium bronze disc provides resistance to seawater, salt spray, and corrosive media
- PTFE seat provides stable sealing performance and low friction
- Lug-type body allows secure bolting to pipeline
- Supports end-of-line service
- Manual handle operation for quick and direct valve control
- PTFE bushing
- Lug-type body design
- PTFE-lined seat/liner (white internal lining visible)
- Stainless steel disc
- Lever operator with notched locking plate
- ISO 5211 top flange for actuator mounting
- Lugged body with threaded bolt holes for dead-end service
- Parts numbered 1-7 in sectional diagram: 1=lower shaft/bush, 2=body, 3=disc, 4=seat/liner, 5=upper shaft, 6=packing/gland area, 7=top flange

**OPTIONS & NOTES**

- Seat options listed include: EPDM, NBR, PTFE, Viton, Neoprene, Hypalon, Silion (from product summary text)

BUTTERFLY VALVE

# Aluminum Bronze Disc PTFE Seat Wafer Butterfly Valve with Gear Operator

REF **EFC-243** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1000</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>wafer (DIN2501) / wafer (ANSI) / wafer (BS4504) / wafer (JIS)</b>
Face-to-face	<b>API609, DIN3202, ISO5752, BS5155</b>
Temperature	<b>-30°C to 135°C</b>
Media	<b>chemicals, air, water, steam, oil, acids, salts</b>



## ACTUATION

- gear operator — Manual worm gear — ISO5211 top flange

## STANDARDS

Design	<b>API609, ANSI16.34, JISB2064, GB T12238</b>
Test	<b>API598</b>

## APPLICATIONS

- water treatment
- marine
- chemical services



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CI, DI, CS, SS</b>	Disc	<b>Aluminum Bronze, CF8, CF8M, DI+Ni, SS304</b>
Stem	<b>SS416, SS316, SS304</b>	Seat	<b>EPDM, NBR, PTFE, VITON, HYPALON, Neoprene</b>
O ring	<b>NBR, EPDM</b>	Bushing	<b>PTFE, Bronze</b>
Pin	<b>SS</b>		

**FEATURES**

- Aluminium bronze disc for corrosion resistance
- PTFE seat for tight sealing and low operating torque
- Compact wafer design for installation between flanges
- Gear operator for smooth and controlled manual operation
- Suitable for medium and large diameter applications
- Wafer-type butterfly valve body with lugged bolt holes
- PTFE full-lined seat/liner visible as white ring
- Stainless steel disc
- Gearbox actuator (worm gear handwheel) fitted as standard in images
- Two-pin disc-to-stem connection visible in sectional drawing
- Upper and lower stem bushings (parts 6 and 4 in drawing)
- Stem seal packing (part 7 in drawing)
- ISO 5211 top-flange mounting pattern for actuator

**OPTIONS & NOTES**

- Seat options listed include: EPDM, NBR, PTFE, Viton, Neoprene, Hypalon, Silion (from introductory text)

BUTTERFLY VALVE

# Aluminum Bronze Disc PTFE Seat Wafer Butterfly Valve with Handle

REF **EFC-244** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1200</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>wafer (DIN 2501) / wafer (ANSI) / wafer (BS 4504) / wafer (JIS)</b>
Face-to-face	<b>API 609, DIN 3202, ISO 5752, BS 5155</b>
Temperature	<b>-30°C to 135°C</b>
Media	<b>Chemicals, air, water, steam, oil, acids, salts</b>



## ACTUATION

- manual handle

## STANDARDS

Design	<b>API 609, ANSI 16.34, JIS B2064, GB/T 12238</b>
Test	<b>API 598</b>



## APPLICATIONS

- Marine systems
- Chemical process lines
- Cooling water circuits
- Industrial water treatment

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CI, DI, CS, SS</b>	Disc	<b>Aluminum Bronze, CF8, CF8M, DI+Ni, SS304</b>
Stem	<b>SS416, SS316, SS304, CS</b>	Seat	<b>EPDM, NBR, PTFE, VITON, HYPALON</b>
Bushing	<b>PTFE, Bronze</b>	O ring	<b>NBR, EPDM</b>
Pin	<b>SS</b>		

**FEATURES**

- Aluminium bronze disc for improved resistance to seawater and corrosion compared with ductile iron or carbon steel disc materials
- PTFE seat for sealing where rubber seats may be unsuitable
- Wafer-type body for installation between flanges
- Manual handle operation
- ISO 5211 top flange for actuator mounting
- Wafer-style butterfly valve body
- PTFE-lined seat/liner visible as white seating face
- Lever operator with notched positioning bracket
- Stainless steel disc
- Through-stem (pin-less) shaft design visible in sectional drawing
- Parts numbered 1-7 in sectional drawing: lower shaft (1), body (2), disc (3), seat/liner (4), upper shaft area (5), top flange/ISO mounting pad (6), stem seal/packing area (7)
- Flanged drilling compatible with PN10, PN16, ANSI 150, JIS 10K

**OPTIONS & NOTES**

- Seat options also listed in product summary as: EPDM, NBR, PTFE, Viton, Neoprene, Hypalon, Silion — 'Neoprene' and 'Silion' (possibly Silicone) appear in the summary text but not in the formal materials table

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Aluminum Bronze Wafer Butterfly Valve

REF **EFC-245** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	DN50 to DN1200
Pressure	PN10 to Class 300
End connection	wafer (DIN 2501) / wafer (ANSI) / wafer (BS 4504) / wafer (JIS)
Face-to-face	API 609, DIN 3202, ISO 5752, BS 5155
Temperature	-30°C to 135°C
Media	Chemicals, air, water, steam, oil, acids, salts

## STANDARDS

Design	API 609, ANSI 16.34, JIS B2064, GB/T 12238
Test	API 598

## APPLICATIONS

- Marine
- Offshore
- Seawater cooling systems
- Desalination plants
- Corrosive water service



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>Aluminum Bronze, Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel</b>	Disc	<b>Ductile Iron+Ni, CF8, CF8+PTFE, CF8M, CF8M+PTFE, Bronze, Ductile Iron, Carbon Steel, Stainless Steel</b>
Stem	<b>Stainless Steel 416, 316, 304, Aluminum Bronze</b>	Seat	<b>EPDM, NBR, PTFE, VITON, HYPALON, Neoprene, Silicone</b>
Bushing	<b>PTFE</b>	O ring	<b>NBR, EPDM</b>

**FEATURES**

- Aluminium bronze body material (C95400/C95800) for saltwater and corrosion resistance
- Multiple seat material options: EPDM, NBR, PTFE, Viton, Hypalon, Neoprene, Silicone
- Multiple stem material options: SS 416, SS 316, SS 304, Aluminium Bronze
- PTFE bushings
- ISO 5211 top flange for actuator mounting
- Compatible with ANSI Class 150-300 and PN10/16 flanges
- Wafer and lug body styles visible
- Rubber-lined seat/seal visible in product photos
- Lever operated (hand lever with position lock visible on smaller sizes)
- Gear operated (worm gearbox visible on larger sizes)
- Triple-offset / double-offset disc design visible on larger DN valves
- Flanged drilling compatible with PN10, PN16, ANSI 150, JIS 10K

**OPTIONS & NOTES**

- Dimensions table referenced in the page (heading 'Dimensions:(mm)') but no tabular data was present in the HTML.

BUTTERFLY VALVE

# Aluminum Wafer butterfly valve

REF **EFC-246** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1000</b>
Pressure	<b>PN10 to Class 300</b>
End connection	<b>wafer (DIN2501) / wafer (ANSI) / wafer (BS4504) / wafer (JIS)</b>
Face-to-face	<b>API609, DIN3202, ISO5752, BS5155</b>
Temperature	<b>-30°C to 135°C</b>
Media	<b>water, air, steam, oil, chemicals, acids, salts</b>

## ACTUATION

- manual lever — Aluminium handle (standard) — ISO5211
- worm gear — ISO5211
- pneumatic actuator — ISO5211

## STANDARDS

Design	<b>API609, ANSI16.34, JISB2064, GB/T12238</b>
Test	<b>API598</b>

## APPLICATIONS

- water supply
- HVAC
- industrial piping systems



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>Aluminium, Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel</b>	Disc	<b>Ductile Iron+Ni, CF8, CF8+PTFE, CF8M, CF8M+PTFE, Bronze</b>
Stem	<b>SS416, SS316, SS304</b>	Seat	<b>EPDM, NBR, PTFE, VITON, HYPALON, Neoprene, Silicone</b>
Bushing	<b>PTFE, Bronze</b>	O ring	<b>NBR, EPDM</b>
Handle	<b>Aluminium</b>		

**FEATURES**

- Lightweight aluminium body construction
- Wafer-type design for compact installation between flanges
- ISO5211 top flange for actuator mounting
- Multiple seat material options for chemical compatibility
- Multiple disc material options including PTFE-lined variants
- Wafer-type butterfly valve with lever operator
- DN100 size marking visible on stem/neck
- Valve body appears to be polypropylene or similar polymer (white/light grey)
- Stainless steel disc
- Black elastomeric seat/liner
- Grey cast lever handle with white position indicator
- Stainless steel stem fasteners
- Lug-style body with through-bolt holes

**OPTIONS & NOTES**

- Seat options listed in product header include Silicone and Hypalon which do not appear in the main materials table
- Size stated as DN50–DN1200 in the product header but DN50–DN1000 in the specification table

BUTTERFLY VALVE

# Cast Iron Body NBR Seat Wafer Butterfly Valve Without Pin

REF **EFC-249** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	DN50 to DN1000
Pressure	PN10 to PN16
End connection	wafer (DIN) / wafer (ANSI B 16.1) / wafer (BS 4504) / wafer (ISO) / wafer (JIS B 2212/2213) / wafer (BS 10 table D) / wafer (BS 10 table E)
Face-to-face	API 609, ISO 5752 series 20, BS 5155
Temperature	null°C to 150°C
Media	Fresh water, Sewage, Sea water, Air, Vapour, Food, Medicine, Oils, Acids, Alkalis

## ACTUATION

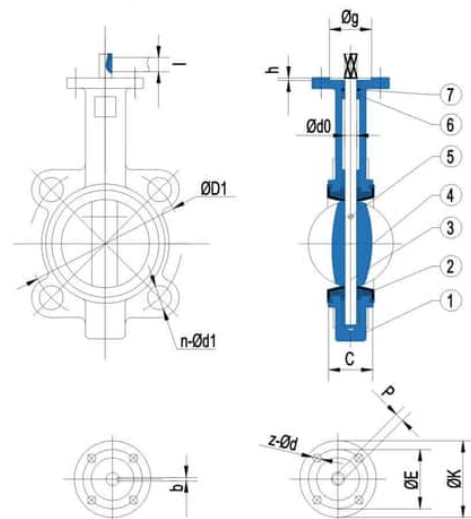
- manual lever
- worm gear
- pneumatic
- electric

## STANDARDS

Design	MSS SP-67, API 609, EN 593
Test	API 598

## APPLICATIONS

- Water infrastructure
- Building services
- Industrial processes
- HVAC systems
- Water distribution



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel, Al-Bronze	Disc	Al-Bronze, CF8M, Ductile Iron, WCB, Ductile Iron+Ni, CF8, CF8+PTFE, CF8M+PTFE, Bronze
Seat	EPDM, NBR, PTFE, Viton, Neoprene, Hypalon, Silicone, Buna	Stem	Stainless Steel 416, Stainless Steel 316, Stainless Steel 304, Carbon Steel, Stainless Steel 314
Bushing	PTFE, Lubricating	O ring	NBR, EPDM, PEFEE, Buna, Hypalon
Pin	SS316, SS416, SS304		

**FEATURES**

- Compact and lightweight construction
- 90-degree on/off operation
- Minimised operating torque
- Flow curve approximating straight line for regulation performance
- Wide selection of body, seat, disc, and stem materials
- Wafer-type design without pin
- Wafer-style butterfly valve with lever operator
- Rubber-lined body (elastomer seat)
- Stainless steel disc
- Sectional diagram shows 7 numbered components including body (1), disc (2), seat/liner (3), shaft bearings (4), stem (5), top flange/actuator mount (6), and stem seal/packing (7)
- Flange drilling compatible with PN10, PN16, ANSI 150, and JIS 10K standards
- Size range DN50 (2") to DN1200 (48")

**OPTIONS & NOTES**

- Size range listed as DN50-DN1200 in product title/overview but performance table states DN50-DN1000 for both PN10 and PN16
- Products hold up to 10 international authoritative certification certificates (unspecified)

**PRESSURE-TEMPERATURE RATING**

CLASS	TEMPERATURE	MAX PRESSURE
—	150°C	1.6 MPa

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Cast Iron Lug Butterfly Valve

REF **EFC-252** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	DN50 to DN600
Pressure	PN10 to Class 300
End connection	lug (DIN2501) / lug (ANSI) / lug (BS4504) / lug (JIS)
Face-to-face	API609, DIN3202, ISO5752, BS5155
Temperature	-30°C to 135°C
Media	water, chemicals, air, steam, oil, acids, salts

## STANDARDS

Design	API609, ANSI16.34, JISB2064, GB T12238
Test	API598

## APPLICATIONS

- Water supply
- Drainage systems
- Industrial piping
- Municipal systems
- Building services
- Water treatment systems



SIZE	C	d0	K	E	z-d	g	h	β	bXl	PN16	PN10	ANSI 150	JIS 10K					
in	DN									D1	D1	D1	D1					
2	50	42	12.6	77	50	4-7	35	3	9	3X16	125	4-M16	120.5	4-5/8"	120	4-M16		
2.5	65	44.7	12.6	77	50	4-7	35	3	9	3X16	145	4-M16	145	4-M16	139.5	4-5/8"	140	4-M16
3	80	45.2	12.6	77	50	4-7	35	3	9	3X16	160	8-M16	160	8-M16	152.5	4-5/8"	150	4-M16
4	100	52.1	15.77	90	70	4-9	55	3	11	5X19	180	8-M16	180	8-M16	190.5	6-5/8"	175	8-M16
5	125	54.4	18.92	90	70	4-9	55	3	14	5X19	210	8-M16	210	8-M16	216	8-3/4"	210	8-M20
6	150	55.8	18.92	90	70	4-9	55	3	14	5X19	240	8-M20	240	8-M20	241.5	8-3/4"	240	8-M20
8	200	60.8	22.1	125	102	4-12	70	3.5	17	5X19	295	12-M20	295	8-M20	298.5	8-3/4"	290	12-M20
10	250	65.6	28.45	125	102	4-12	70	3.5	22	8X28	355	12-M24	350	12-M20	362	12-7/8"	355	12-M22
12	300	76.9	31.6	125	102	4-12	70	3.5	22	8X28	410	12-M24	400	12-M20	432	12-7/8"	400	16-M22
14	350	78.9	31.6	125	102	4-12	70	3.5	22	8X28	470	16-M24	460	16-M20	476	12-1"	445	16-M22
16	400	88.5	33.15	175	140	4-18	100	4	24	10X50	525	20-M27	515	16-M24	540	16-1"	510	16-M24
18	450	105.6	38	175	140	4-18	100	4	27	10X50	585	20-M27	565	20-M24	578	16-11/8"	565	20-M24
20	500	127	41.15	175	140	4-18	100	4	32	10X50	650	20-M30	620	20-M24	635	20-11/8"	620	20-M24
24	600	152	50.65	210	165	4-23	130	5	36	2-16X60	770	20-M33	725	20-M27	749.5	20-11/4"	730	24-M30
28	700	183	55	300	254	8-18	200	5.5	5	2-18X63	840	24-M33	840	24-M27	863.5	24-11/4"	840	24-M30
30	750	185	55	300	254	8-18	200	5.5	5	2-18X63	914	24-M36	914	24-M30	914.5	28-11/4"	900	24-M30
32	800	188	55	300	254	8-18	200	5.5	5	2-18X63	950	24-M36	950	24-M30	978	28-11/2"	950	28-M30
36	900	203	75	300	254	8-18	200	5.5	5	2-20X100	1050	28-M36	1050	28-M30	1086	32-11/2"	1050	28-M30
40	1000	216	85	300	254	8-18	200	5.5	5	2-20X100	1170	28-M39	1160	28-M33	1200	36-11/2"	1160	28-M36
42	1050	251	95	300	254	8-18	200	5.5	5	2-25X140	1257	32-M39	1257	32-M36	1257.5	36-11/2"	1270	28-M36
48	1200	276	105	350	298	8-23	230	5.5	5	2-28X140	1390	32-M45	1380	32-M39	1422	36-11/2"	1380	32-M36

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel</b>	Disc	<b>Ductile Iron, Carbon Steel, Stainless Steel</b>
Stem	<b>Stainless Steel 416, Stainless Steel 316, Stainless Steel 304</b>	Seat	<b>EPDM, NBR, PTFE, VITON, HYPALON</b>
O ring	<b>EPDM, NBR</b>	Bushing	<b>PTFE, BRONZE</b>

**FEATURES**

- Lug-type body allowing end-of-line service
- Multiple body material options: cast iron, ductile iron, carbon steel, stainless steel
- Multiple seat elastomer options: EPDM, NBR, PTFE, Viton, Hypalon
- Stainless steel stem in grades 304, 316, or 416
- ISO5211 top flange for actuator mounting
- Pressure ratings to PN16 and Class 300
- Lug-type body configuration
- Lever operated with spring-return locking handle
- Rubber-lined seat/liner visible within body bore
- Stainless steel disc marked CF8
- Stem marked CI 4 (cast iron grade 4)
- Body marked EN1092 (flange standard)
- 150LB pressure class marking visible on body
- Disc marked CF8 (ASTM equivalent of 316 stainless steel)
- Part numbered sectional diagram with 7 called-out components
- Flanged bolt patterns for PN10, PN16, ANSI 150 and JIS 10K

**OPTIONS & NOTES**

- butterfly valve manufacturers

BUTTERFLY VALVE

## Cast Iron Wafer Butterfly Valve with Plate Spray Painted

REF **EFC-254** ISSUED 08 Jul 2026

### SPECIFICATIONS

Size	<b>DN50 to DN1200</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>wafer (DIN2501) / wafer (ANSI) / wafer (BS4504) / wafer (JIS)</b>
Face-to-face	<b>API609, DIN3202, ISO5752, BS5155</b>
Temperature	<b>-30°C to 135°C</b>
Media	<b>water, chemicals, air, steam, oil, acids, salts</b>

### STANDARDS

Design	<b>API609, ANSI16.34, JISB2064, GB T12238</b>
Test	<b>API598</b>

### COATINGS & LINING

- spray painted (valve plate)

### APPLICATIONS

- Municipal water supply and distribution systems
- Irrigation and agricultural water pipelines
- HVAC systems
- Cooling water loops in industrial facilities
- Wastewater treatment plants
- Fire protection and sprinkler systems



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

Body	<b>Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel</b>	Disc	<b>Ductile Iron+Ni, CF8, CF8+PTFE, CF8M, CF8M+PTFE, Bronze</b>
Stem	<b>Stainless Steel 416, Stainless Steel 316, Stainless Steel 304</b>	Seat	<b>EPDM, NBR, PTFE, VITON, HYPALON, Neoprene, Silicone</b>
Bushing	<b>PTFE, Bronze</b>	O ring	<b>NBR, EPDM</b>

## FEATURES

- Compact wafer-style body for installation between flanges
- Spray-painted valve plate for corrosion resistance
- ISO5211 top flange for actuator mounting
- Multiple body, disc, seat, and stem material options available
- PTFE/Bronze bushing options
- Wafer-style butterfly valve with gearbox actuator
- Rubber-lined body seat
- Stem with top flange - ISO 5211 mounting pattern (inferred from z-Ød bolt pattern on actuator flange)
- Lugged/wafer body with through-bolt holes (n-Ød1) for multiple flange standards: PN10, PN16, ANSI 150, JIS 10K
- Size range DN50 (2") to DN1200 (48")

## OPTIONS & NOTES

- Customisation options available for special sizes, materials, coatings, or actuation types — contact supplier.
- Products hold up to 10 international authoritative certification certificates.

BUTTERFLY VALVE

# Cast Iron Wafer Butterfly Valve

REF **EFC-255** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1000</b>
Pressure	<b>PN10 to Class 300</b>
End connection	<b>wafer (DIN2501) / wafer (ANSI) / wafer (BS4504) / wafer (JIS)</b>
Face-to-face	<b>API609, DIN3202, ISO5752, BS5155</b>
Temperature	<b>-30°C to 135°C</b>
Media	<b>Chemicals, air, water, steam, oil, acids, salts</b>

## STANDARDS

Design	<b>API609, ANSI16.34, JISB2064, GB T12238</b>
Test	<b>API598</b>

## APPLICATIONS

- Water supply
- HVAC systems
- Industrial circulation lines
- Wastewater treatment
- Municipal water systems



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

Body	<b>CI, DI, CS, SS</b>	Seat	<b>EPDM, NBR, PTFE, VITON, HYPALON</b>
Shaft	<b>SS416, SS316, SS304, CS</b>	Disc	<b>CF8, CF8M, DI+Ni, SS304</b>
Bushing	<b>PTFE, Bronze</b>	O ring	<b>NBR, EPDM</b>
Pin	<b>SS</b>	Stem	<b>SS416, SS316, SS304, CS</b>

## FEATURES

- Compact wafer-type body for installation between flanges
- Low operating torque
- Tight sealing mechanism for shut-off and flow regulation
- Top flange to ISO5211 for actuator mounting
- Multiple body, seat, disc, and stem material options
- Wafer-style butterfly valve with lever-lock handle
- Rubber-lined body with stainless steel disc
- Bottom shaft stub visible (double-stub shaft configuration)
- Bolt-through lug pattern with 4-bolt configuration on smaller sizes
- Parts labelled 1-7 in sectional drawing: (1) bottom shaft, (2) body/seat liner, (3) disc, (4) body, (5) upper shaft, (6) packing/gland, (7) top plate/actuator mounting
- Dimension references: C = face-to-face, d0 = shaft diameter, K = ISO 5211 actuator bolt circle, E = actuator bolt hole spacing, z-d = actuator bolt count and diameter, g = actuator flange diameter, h = top flange height, p = bottom shaft stub length, D1 = flange bolt circle diameter, n-Ød1 = bolt count and hole diameter
- Flange drilling to PN10, PN16, ANSI 150, JIS 10K

## OPTIONS & NOTES

- Can be customised to meet specific project requirements
- Header listing states DN50–DN1200; specification table states DN50–DN1000

BUTTERFLY VALVE

# Desulfuration Wafer Butterfly Valve

REF **EFC-257** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1200</b>
End connection	<b>wafer</b>
Media	<b>flue gas desulfurisation slurry, waste-water, corrosive media, abrasive slurries, H<sub>2</sub>SO<sub>4</sub>, HCl, Cl<sub>2</sub></b>

## ACTUATION

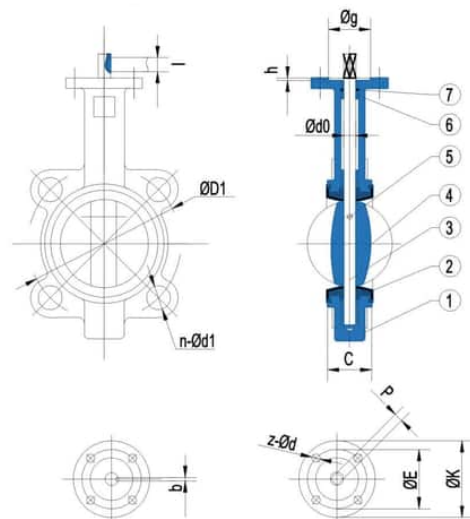
- customisable actuation options — on request

## STANDARDS

Test	<b>API 598</b>
------	----------------

## APPLICATIONS

- Flue gas desulfurisation (FGD) systems
- Wastewater treatment
- Corrosive media handling
- Abrasive slurry service



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CI, DI, WCB, SS</b>	Seat	<b>EPDM</b>
Shaft	<b>SS416, SS316, SS304, 431, 17-4PH</b>	Disc	<b>DI, ALB, Rubber lined Disc, 1.2501, CF8M, 1.4529, CF8, Hastelloy, 2507, 1.4469, C207</b>
Pin	<b>Stainless Steel</b>	Bushing	<b>PTFE, Bronze</b>
O ring	<b>EPDM</b>	Stem	<b>SS416, SS316, SS304</b>

**FEATURES**

- Resilient seat design with bubble-tight seal
- Abrasion-resistant disc edge for slurry applications
- Compact and lightweight construction
- Pressure test conforms to API 598
- Can regulate or isolate pipeline flow
- Available with special linings, extended shafts, and actuation options
- Available in multiple body, disc, and stem material combinations
- Wafer-style butterfly valve body with lever operator
- Sectional diagram shows 7 numbered component parts
- Dimensional parameters: C (face-to-face), d0 (bore/shaft diameter), K (actuator bolt circle), E (actuator bolt circle inner), z-d (flange bolt pattern), g (ISO top flange diameter), h (top flange height), p (bottom shaft diameter), D1 (flange bolt circle diameter), n-Ød1 (number and diameter of flange bolts)
- Flange drilling compatible with PN10, PN16, ANSI 150, and JIS 10K standards
- Sizes available from DN50 (2 inch) to DN1200 (48 inch)

**OPTIONS & NOTES**

- Customizable Configurations – Special linings, extended shafts, and actuation options
- Our products hold up to 10 international authoritative certification certificates

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Double Flanged Butterfly Valve

REF **EFC-261** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1000</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>flanged (DIN) / flanged (ANSI B 16.1) / flanged (BS 4504) / flanged (ISO) / flanged (JIS B 2212/2213) / flanged (BS 10 table D) / flanged (BS 10 table E)</b>
Face-to-face	<b>API 609, ISO 5752 series 20, BS 5155</b>
Temperature	<b>null°C to 150°C</b>
Media	<b>Fresh water, Sewage, Sea water, Air, Vapour, Food, Medicine, Oils, Acids, Alkalis</b>



## ACTUATION

- manual lever
- worm gear
- pneumatic
- electric

## STANDARDS

Design	<b>MSS SP-67, API 609, EN 593</b>
Test	<b>API 598</b>

## APPLICATIONS

- Water treatment plants
- Pumping stations
- HVAC systems
- Industrial fluid control
- Municipal water systems



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>Carbon Steel, Stainless Steel, Cast Iron, Ductile Iron, Al-Bronze</b>	Disc	<b>Carbon Steel, Stainless Steel, Cast Iron, Ductile Iron, Al-Bronze</b>
Seat	<b>EPDM, NBR, VITON, PTFE</b>	Stem	<b>Carbon Steel, Stainless Steel314, Stainless Steel316</b>
Bushing	<b>PTFE, Lubricating</b>	O ring	<b>EPDM, PEFE, Buna, NBR, Hypalon</b>
Pin	<b>SS316, SS416, SS304</b>		

**FEATURES**

- Full-face flanges on both ends
- Centred disc with streamlined flow path minimising pressure loss
- 90-degree on/off operation
- Compact construction
- Minimised operating torque
- Wide range of body, disc, seat, and stem material options
- Part callouts on sectional drawing: 1 - body, 2 - lower stem/bottom pin, 3 - disc, 4 - seat/liner, 5 - upper stem, 6 - stem seal/packing, 7 - gearbox/actuator mounting bracket
- Flanged (double-flanged) end connections
- Gear-operated variant shown (worm gearbox with handwheel)
- Lever-operated variant shown
- Dimension table covers DN50 - DN1200 (2" - 48") with PN10, PN16, and ANSI 150 flange drilling patterns

**OPTIONS & NOTES**

- Customisable configurations available including actuation types, sealing materials, and international flange standards
- Dimensions table referenced in HTML ('Dimensions:(mm)') but no data was present in the page

**PRESSURE-TEMPERATURE RATING**

CLASS	TEMPERATURE	MAX PRESSURE
—	150°C	1.6 MPa

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Ductile Iron Disc EPDM Seat Lug Butterfly Valve with Gear Operator

REF **EFC-265** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1200</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>lug (DIN2501) / lug (ANSI) / lug (BS4504) / lug (JIS)</b>
Face-to-face	<b>API609, DIN3202, ISO5752, BS5155</b>
Temperature	<b>-30°C to 135°C</b>
Media	<b>Chemicals, air, water, steam, oil, acids, salts</b>

## ACTUATION

- gear operator — Manual gear operator for reduced operating torque at medium and large diameters — ISO5211 top flange

## STANDARDS

Design	<b>API609, ANSI16.34, JISB2064, GB T12238</b>
Test	<b>API598</b>

## APPLICATIONS

- Water supply networks
- HVAC systems
- Wastewater treatment pipelines
- Building services
- General industrial pipeline systems



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CI, DI, CS, SS</b>	Disc	<b>CF8, CF8M, DI+Ni, SS304</b>
Seat	<b>EPDM, PTFE, VITON, NBR, Hypalon</b>	Shaft	<b>SS416, SS316, SS304, CS</b>
Bushing	<b>PTFE, Bronze</b>	O ring	<b>NBR, EPDM</b>
Pin	<b>SS</b>	Stem	<b>SS416, SS316, SS304, CS</b>

**FEATURES**

- Lug-type body allows secure bolting and supports end-of-line service
- Ductile iron disc provides mechanical strength
- EPDM seat provides sealing for clean water, wastewater, and non-aggressive media
- Gear operator enables smooth and controlled manual operation
- ISO5211 top flange for actuator mounting
- Lug-type butterfly valve body
- Gearbox operator with handwheel
- Rubber-lined body seat/liner
- Stainless steel disc
- Lugged body with threaded bolt inserts (red-capped)
- Dual-flange drilling pattern compatible with PN10, PN16, ANSI 150, JIS 10K

**OPTIONS & NOTES**

- Our products hold up to 10 international authoritative certification certificates, ensuring compliance with global standards.

BUTTERFLY VALVE

## Ductile Iron Disc EPDM Seat Lug Butterfly Valve with Handle

REF **EFC-266** ISSUED 08 Jul 2026

### SPECIFICATIONS

Size	<b>DN50 to DN1200</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>lug (DIN 2501) / lug (ANSI) / lug (BS 4504) / lug (JIS)</b>
Face-to-face	<b>API 609, DIN 3202, ISO 5752, BS 5155</b>
Temperature	<b>-30°C to 135°C</b>
Media	<b>water, wastewater, chemicals, air, steam, oil, acids, salts</b>

### ACTUATION

- manual handle — ISO 5211 top flange

### STANDARDS

Design	<b>API 609, ANSI 16.34, JIS B2064, GB/T 12238</b>
Test	<b>API 598</b>

### APPLICATIONS

- Water supply networks
- HVAC systems
- Building services
- General industrial pipeline systems
- On-off isolation service
- End-of-line service



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	CI, DI, CS, SS	Seat	EPDM, PTFE, VITON, NBR, Hypalon
Shaft	SS416, SS316, SS304, CS	Disc	CF8, CF8M, DI+Ni, SS304
Pin	SS	Bushing	PTFE, Bronze
O ring	NBR, EPDM	Stem	SS416, SS316, SS304, CS

**FEATURES**

- Lug-type body allows secure bolting to pipeline
- Supports end-of-line service
- Manual handle operation for quick valve control
- Ductile iron disc provides mechanical strength
- EPDM seat provides sealing for clean water and non-aggressive media
- Lug-type body configuration with threaded inserts
- Lever handle actuator with locking positions
- Rubber-lined body seat
- Stainless steel disc
- Part 1: bottom stem/shaft bearing
- Part 2: body/liner assembly
- Part 3: disc
- Part 4: seat/liner
- Part 5: top stem
- Part 6: stem seal/packing
- Part 7: top plate/bracket
- Dimensional reference parameters: C (face-to-face), d0 (stem diameter), K (bolt circle offset), E (bolt circle), z-d (number and diameter of bolts), g (stem top plate diameter), h (top plate height), p (stem projection)
- Flange drilling compatible with PN10, PN16, ANSI 150, JIS 10K standards
- Size range: DN50 (2") to DN1200 (48")

**OPTIONS & NOTES**

- Our products hold up to 10 international authoritative certification certificates, ensuring compliance with global standards.

BUTTERFLY VALVE

## Ductile Iron Disc EPDM Seat Wafer Butterfly Valve with Gear Operator

REF **EFC-267** ISSUED 08 Jul 2026

### SPECIFICATIONS

Size	<b>DN50 to DN1000</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>wafer (DIN 2501) / wafer (ANSI) / wafer (BS 4504) / wafer (JIS)</b>
Face-to-face	<b>API 609, DIN 3202, ISO 5752, BS 5155</b>
Temperature	<b>-30°C to 135°C</b>
Media	<b>water, chemicals, air, steam, oil, acids, salts</b>



### ACTUATION

- gear operator — For medium and large diameters where manual torque is high — ISO 5211 top flange

### STANDARDS

Design	<b>API 609, ANSI 16.34, JIS B2064, GB/T 12238</b>
Test	<b>API 598</b>



### APPLICATIONS

- Water supply lines
- Wastewater networks
- Cooling systems
- Building services pipelines
- HVAC

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CI, DI, CS, SS</b>	Disc	<b>CF8, CF8M, DI+Ni, SS304</b>
Seat	<b>EPDM, PTFE, VITON, NBR, Hypalon, Neoprene, Silicone</b>	Shaft	<b>SS416, 316, 304, CS</b>
Pin	<b>SS</b>	Bushing	<b>PTFE, Bronze</b>
O ring	<b>NBR, EPDM</b>	Stem	<b>SS416, SS316, SS304, CS</b>

**FEATURES**

- Wafer-type body installed between flanges to save space and reduce system weight
- Ductile iron disc provides structural strength
- Gear operator enables smooth and controlled opening and closing
- Multiple body material options: cast iron, ductile iron, carbon steel, stainless steel
- Multiple seat material options: EPDM, NBR, PTFE, Viton, Hypalon
- Wafer-style body with gearbox (worm gear) actuator
- Concentric disc design
- Rubber-lined body seat
- Stainless steel disc (marked 'DI' and grade references visible on disc)
- Dual-flange bolt pattern compatible with PN10, PN16, ANSI 150, and JIS 10K flanges
- ISO 5211 top flange for actuator mounting
- Upper and lower stem/shaft arrangement (items 1-7 visible in sectional diagram)

BUTTERFLY VALVE

## Ductile Iron Disc EPDM Seat Wafer Butterfly Valve with Handle

REF **EFC-268** ISSUED 08 Jul 2026

### SPECIFICATIONS

Size	<b>DN50 to DN1200</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>wafer (DIN 2501) / wafer (ANSI) / wafer (BS 4504) / wafer (JIS)</b>
Face-to-face	<b>API 609, DIN 3202, ISO 5752, BS 5155</b>
Temperature	<b>-30°C to 135°C</b>
Media	<b>water, wastewater, chemicals, air, steam, oil, acids, salts</b>



### ACTUATION

- manual handle

### STANDARDS

Design	<b>API 609, ANSI 16.34, JIS B2064, GB/T 12238</b>
Test	<b>API 598</b>



### APPLICATIONS

- Water supply networks
- HVAC systems
- Building services
- General industrial pipeline systems
- On-off isolation service

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

Body	<b>CI, DI, CS, SS</b>	Seat	<b>EPDM, PTFE, VITON, NBR, Hypalon</b>
Stem	<b>SS416, SS316, SS304, CS</b>	Disc	<b>CF8, CF8M, DI+Ni, SS304</b>
Pin	<b>SS</b>	Bushing	<b>PTFE, Bronze</b>
O ring	<b>NBR, EPDM</b>		

## FEATURES

- Compact wafer-type body for installation between flanges
- Manual handle for quick open/close operation
- Ductile iron disc for mechanical strength
- EPDM seat for sealing in clean water and non-aggressive media
- Top flange to ISO 5211 for actuator mounting
- Multiple body, seat, and stem material options available
- Wafer-style body with lug ears for bolting between flanges
- Lever handle operator with notched position lock
- Rubber-lined body/seat
- Stainless steel disc
- Two-piece stem design
- ISO 5211 top flange for actuator mounting
- Dimensions referenced to PN10, PN16, ANSI 150 and JIS 10K flange drillings

## OPTIONS & NOTES

- Seat options listed include: EPDM, NBR, PTFE, Viton, Neoprene, Hypalon, Silicone (from short description field)
- Products hold up to 10 international authoritative certification certificates

BUTTERFLY VALVE

# Ductile Iron Disc PTFE Seat Lug Butterfly Valve with Handle

REF **EFC-269** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1200</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>lug (DIN2501) / lug (ANSI) / lug (BS4504) / lug (JIS)</b>
Face-to-face	<b>API609, DIN3202, ISO5752, BS5155</b>
Temperature	<b>-30°C to 135°C</b>
Media	<b>chemicals, air, water, steam, oil, acids, salts</b>



## ACTUATION

- manual lever — Handle — ISO5211 top flange

## STANDARDS

Design	<b>API609, ANSI16.34, JISB2064, GB T12238</b>
Test	<b>API598</b>

## APPLICATIONS

- Water treatment systems
- Cooling water networks
- General industrial isolation duty
- End-of-line service



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CI, DI, CS, SS</b>	Seat	<b>EPDM, PTFE, VITON, NBR, Hypalon</b>
Disc	<b>CF8, CF8M, DI+Ni, SS304</b>	Stem	<b>SS416, SS316, SS304, CS</b>
Bushing	<b>PTFE, Bronze</b>	O ring	<b>NBR, EPDM</b>
Pin	<b>SS</b>		

**FEATURES**

- Lug-type body allows end-of-line service
- PTFE seat provides improved chemical compatibility compared with standard rubber seats
- Ductile iron disc
- Manual handle operation for on-off isolation
- Top flange to ISO5211 for actuator mounting
- Lug-type body configuration
- PTFE seat/liner (white)
- Lever operated with notched locking plate
- Threaded lug bolt holes around body periphery
- Two-piece stem design visible in sectional view
- Components numbered 1-7 in sectional diagram

**OPTIONS & NOTES**

- Our products hold up to 10 international authoritative certification certificates, ensuring compliance with global standards.

BUTTERFLY VALVE

# Ductile Iron Lug Butterfly Valve

REF **EFC-271** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1200</b>
End connection	<b>lug</b>
Media	<b>water, wastewater</b>

## APPLICATIONS

- Water distribution
- Wastewater treatment
- Industrial piping systems
- Municipal infrastructure



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CI, DI, CS, SS</b>	Seat	<b>EPDM, PTFE, VITON, NBR, Hypalon, Neoprene, Silicone</b>
Shaft	<b>SS416, SS316, SS304, CS</b>	Disc	<b>CF8, CF8M, DI+Ni, SS304, CF8+PTFE, CF8M+PTFE, Bronze</b>
Pin	<b>SS</b>	Bushing	<b>PTFE, Bronze</b>
O ring	<b>NBR, EPDM</b>	Stem	<b>SS416, SS316, SS304, CS</b>

**FEATURES**

- Simple, compact structure with light weight
- 90° rotation for rapid open/close operation
- Eccentric structure reduces seal friction and extends service life
- Zero-leakage shut-off
- Easy assembly and disassembly

**OPTIONS & NOTES**

- Dimensions table referenced in HTML but not populated with data
- Products hold up to 10 international authoritative certification certificates

BUTTERFLY VALVE

# Ductile Iron Wafer Butterfly Valve

REF **EFC-274** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1000</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>wafer (DIN 2501) / wafer (ANSI) / wafer (BS 4504) / wafer (JIS)</b>
Face-to-face	<b>API 609, DIN 3202, ISO 5752, BS 5155</b>
Temperature	<b>-30°C to 135°C</b>
Media	<b>water, chemicals, air, steam, oil, acids, salts</b>

## ACTUATION

- manual lever — ISO 5211
- worm gear — ISO 5211
- pneumatic actuator — ISO 5211

## STANDARDS

Design	<b>API 609, ANSI 16.34, JIS B2064, GB/T 12238</b>
Test	<b>API 598</b>

## APPLICATIONS

- water treatment
- irrigation
- HVAC systems
- industrial fluid distribution
- municipal water systems



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CI, DI, CS, SS</b>	Disc	<b>CF8, CF8M, DI+Ni, SS304</b>
Stem	<b>SS416, SS316, SS304, CS</b>	Seat	<b>EPDM, NBR, PTFE, VITON, HYPALON</b>
O ring	<b>NBR, EPDM</b>	Bushing	<b>PTFE, Bronze</b>
Pin	<b>SS</b>		

**FEATURES**

- Wafer body fits between standard flanges
- Low torque operation
- Tight shut-off
- Compatible with manual and automated actuation
- Multiple body, disc, seat, and stem material options available
- ISO 5211 top flange for actuator mounting

**OPTIONS & NOTES**

- Custom configurations available to fit specific project needs
- Products hold up to 10 international certification certificates

BUTTERFLY VALVE

# Electric Actuator Lug Butterfly Valve

REF **EFC-275** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	DN50 to DN1000
Pressure	1.0 to 1.6
End connection	lug (ANSI B 16.1) / lug (EN 1092) / lug (AS 2129)
Face-to-face	API 609, ISO 5752 series 20, BS 5155
Temperature	-45°C to 150°C
Media	Fresh water, Sewage, Sea water, Air, Vapour, Food, Medicine, Oils, Acids, Alkalis

## ACTUATION

- electric actuator — ISO 5211
- manual lever — ISO 5211
- worm gear — ISO 5211
- pneumatic — ISO 5211

## STANDARDS

Design	MSS SP-67, API 609, EN 593
Test	API 598

## APPLICATIONS

- Water treatment
- HVAC
- Chemical processing
- Power generation



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	Cast Iron, Ductile Iron, WCB, ALB, CF8, CF8M	Disc	Cast Iron, Ductile Iron, ALB, CF8M, CF8, WCB
Seat	EPDM, PTFE, Buna, NBR, Hypalon, Neoprene, Viton, Silicon	Stem	SS416, SS304, SS316, 431
Bushing	PTFE, Lubricating	O ring	EPDM, PTFE, Buna, NBR, Hypalon
Pin	SS316, SS416, SS304		

**FEATURES**

- Compact and lightweight construction
- 90-degree quarter-turn on/off operation
- Low operating torque
- Flow characteristic tending toward linear
- Wide material selection for compatibility with various media
- Lug-type body for dead-end service
- Lug-type body configuration
- Electric actuator with manual override handwheel
- 7-part sectional construction: body (1), seat/liner (2), disc (3), shaft lower (4), shaft upper (5), stem seal (6), actuator bracket/top flange (7)
- Drilling pattern compatible with PN10, PN16, ANSI 150 and JIS 10K flanges

**OPTIONS & NOTES**

- Dimensions table referenced in page (heading 'Dimensions:(mm)') but no data provided
- Products stated to hold up to 10 international certification certificates; specific certificates not enumerated

BUTTERFLY VALVE

# Electric Actuator Wafer Butterfly Valve

REF **EFC-276** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1000</b>
Pressure	<b>PN16</b>
End connection	<b>wafer (DIN / BS / UNI / ISO / ANSI / AS / JIS)</b>
Face-to-face	<b>API 609, ISO 5752 series 20, BS 5155, DIN 3202</b>
Temperature	<b>null°C to 150°C</b>
Media	<b>Fresh water, Sewage, Sea water, Air, Vapour, Food, Medicine, Oils, Acids, Alkalis</b>

## ACTUATION

- electric actuator — ISO 5211
- manual lever
- worm gear
- pneumatic

## STANDARDS

Design	<b>MSS SP-67, API 609, EN 593</b>
Test	<b>API 598</b>

## APPLICATIONS

- HVAC
- Water supply and sewage
- Food and beverage
- Chemical / petrochemical / processing
- Power and utilities
- Paper and pulp
- Ship building
- Municipal water systems
- Building automation



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

- Wastewater treatment

## MATERIALS

Body	<b>Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel, Al-Bronze</b>	Disc	<b>Al-Bronze, CF8M, Ductile Iron, WCB, CF8, DI+Ni, CF8+PTFE, CF8M+PTFE, Bronze</b>
Seat	<b>EPDM, NBR, PTFE, Viton, Neoprene, Hypalon, Silicone, Buna</b>	Stem	<b>SS416, SS316, SS304, Carbon Steel</b>
Bushing	<b>PTFE, Bronze, Lubricating</b>	O ring	<b>NBR, EPDM, Buna, Hypalon</b>
Pin	<b>SS316, SS416, SS304</b>		

## FEATURES

- Compact size and low weight for easy installation and maintenance
- Simple construction with 90-degree on/off operation
- Low operating torque
- Flow characteristic tending to linear, providing good regulation performance
- Rated for tens of thousands of opening/closing cycles
- Wide selection of body and seat materials for compatibility with various media
- Wafer body for installation between standard flanges
- Wafer-style body (images 0-1) and lug-style body (images 2-3) variants visible
- Electric actuator mounted on valve
- Rubber-lined body with stainless steel disc
- Two-piece shaft design visible in sectional diagram
- 7 numbered components visible in sectional diagram (parts 1-7)
- Flanged drilling dimensions provided for PN16, PN10, ANSI 150 and JIS 10K standards

## OPTIONS & NOTES

- Available in various sizes and voltage configurations
- Products hold up to 10 international authoritative certification certificates

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Extension Shaft Wafer Butterfly Valve

REF **EFC-277** ISSUED 08 Jul 2026

## SPECIFICATIONS

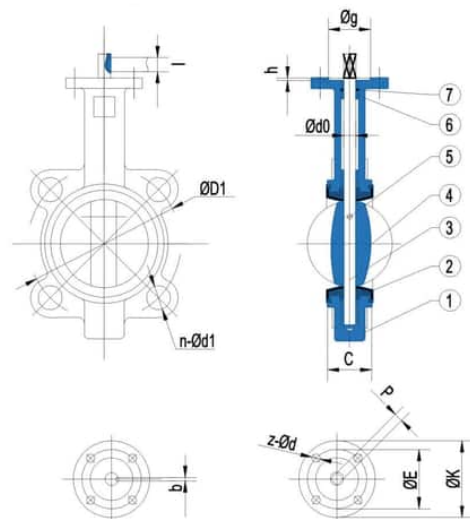
Size	<b>DN50 to DN1000</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>wafer (DIN 2501) / wafer (ANSI) / wafer (BS 4504) / wafer (JIS)</b>
Face-to-face	<b>API 609, DIN 3202, ISO 5752, BS 5155</b>
Temperature	<b>-30°C to 135°C</b>
Media	<b>chemicals, air, water, steam, oil, acids, salts</b>

## STANDARDS

Design	<b>API 609, ANSI 16.34, JIS B2064, GB/T 12238</b>
Test	<b>API 598</b>

## APPLICATIONS

- Buried pipeline systems
- Insulated piping
- Hard-to-access installations



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel</b>	Disc	<b>Ductile Iron, Ductile Iron+Ni, Carbon Steel, CF8, CF8+PTFE, CF8M, CF8M+PTFE, Bronze</b>
Stem	<b>Stainless Steel 416, Stainless Steel 316, Stainless Steel 304</b>	Seat	<b>EPDM, NBR, PTFE, VITON, HYPALON, Neoprene, Silicone</b>
O ring	<b>NBR, EPDM</b>	Bushing	<b>PTFE, Bronze</b>
Shaft	<b>Stainless Steel 416, Stainless Steel 316, Stainless Steel 304</b>		

**FEATURES**

- Extension shaft allows valve operation without excavation of buried pipelines
- Thermal break option to prevent heat transfer in insulated systems
- Compact wafer-style body
- Custom shaft lengths, materials, and accessories available on request
- Wafer-style butterfly valve with lever handle
- Rubber-lined body bore (seat integral with body)
- Disc visible in closed position
- Stem with packing gland arrangement
- Flanged drilling patterns available for PN10, PN16, ANSI 150 and JIS 10K

**OPTIONS & NOTES**

- Global Certifications – WRAS, NSF/ANSI 61, DVGW available
- Custom Configurations – Special shaft lengths, materials, and accessories
- Our products hold up to 10 international authoritative certification certificates

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

## Gear Operated Wafer Butterfly Valve with Aluminum Bronze Disc and EPDM

REF **EFC-281** ISSUED 08 Jul 2026

### SPECIFICATIONS

Size	<b>DN50 to DN1200</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>wafer (DIN 2501) / wafer (ANSI) / wafer (BS 4504) / wafer (JIS)</b>
Face-to-face	<b>API 609, DIN 3202, ISO 5752, BS 5155</b>
Temperature	<b>-30°C to 135°C</b>
Media	<b>water, seawater, chemicals, air, steam, oil, acids, salts</b>



### ACTUATION

- worm gear (gearbox) — ISO 5211 top flange

### STANDARDS

Design	<b>API 609, ANSI 16.34, JIS B2064, GB/T 12238</b>
Test	<b>API 598</b>

### APPLICATIONS

- Water supply networks
- HVAC systems
- Industrial circulation lines
- Wastewater treatment facilities
- Municipal water systems



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CI, DI, CS, SS</b>	Disc	<b>Aluminum Bronze, CF8, CF8M, DI+Ni, SS304</b>
Seat	<b>EPDM, NBR, PTFE, VITON, HYPALON</b>	Shaft	<b>SS416, SS316, SS304, CS</b>
Bushing	<b>PTFE, Bronze</b>	O ring	<b>NBR, EPDM</b>
Pin	<b>SS</b>	Stem	<b>SS416, SS316, SS304, CS</b>

**FEATURES**

- Wafer-type body for installation between flanges
- Aluminium bronze disc for corrosion resistance in water and mildly corrosive media
- EPDM seat for elastic sealing and shut-off
- Worm gear operating mechanism for precise flow control
- Reduced operating torque due to smooth disc rotation
- ISO 5211 top flange for actuator mounting
- Available in a wide range of sizes DN50 - DN1200
- Multiple body, seat, and shaft material options available
- Wafer-style butterfly valve with gearbox operator
- Disc visible, stainless steel construction
- Body marked DN100 (image 0)
- Disc marked C954 (aluminium bronze alloy, images 4 and 5)
- Rubber-lined body/seat
- Sectional diagram shows 7 numbered component parts
- Dimensional drawing references: C (face-to-face), d0 (stem diameter), K (stem top flange), E (bolt circle), z-d (bolt holes), g (stem top flange diameter), h (stem top flange height), p (bolt hole pitch), b (body width), D1 (flange OD), n-Od1 (number and diameter of bolt holes)
- Flange drilling compatible with PN10, PN16, ANSI 150, JIS 10K

**OPTIONS & NOTES**

- Can also be customized to meet specific project requirements.

BUTTERFLY VALVE

# HALAR Spraying Lug butterfly valve

REF **EFC-285** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1200</b>
Pressure	<b>PN10 to Class 300</b>
End connection	<b>lug (DIN 2501 / ANSI / BS 4504 / JIS)</b>
Face-to-face	<b>API 609, DIN 3202, ISO 5752, BS 5155</b>
Temperature	<b>-30°C to 135°C</b>
Media	<b>chemicals, air, water, steam, oil, acids, salts</b>

## ACTUATION

- manual gear — ISO 5211 top flange
- electric actuator — ISO 5211 top flange
- pneumatic actuator — ISO 5211 top flange

## STANDARDS

Design	<b>API 609, ANSI 16.34, JIS B2064, GB/T 12238</b>
Test	<b>API 598</b>

## COATINGS & LINING

- HALAR (ECTFE) spraying coating

## APPLICATIONS

- Water treatment plants
- Chemical processing systems
- Industrial water networks



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CI, DI, CS, SS</b>	Disc	<b>CF8, CF8M, DI+Ni, SS304</b>
Stem	<b>SS416, SS316, SS304, CS</b>	Seat	<b>EPDM, NBR, PTFE, VITON, HYPALON</b>
O ring	<b>NBR, EPDM</b>	Bushing	<b>HALAR</b>
Pin	<b>SS</b>		

**FEATURES**

- HALAR (ECTFE) coating on bushing for chemical resistance
- Lug-type body for dead-end service
- Multiple seat elastomer options
- Multiple body and disc material options
- ISO 5211 top flange for actuator mounting
- Custom configurations available on request
- Lug-type body configuration with threaded lug holes (n-Ød1 pattern)
- Concentric disc design
- Stem passes fully through disc (through-stem construction)
- ISO 5211 top flange mounting pad (Ødg, dimension h)
- 7-part numbered assembly: (1) lower stem/bush, (2) seat/liner, (3) disc, (4) upper stem/bush, (5) body, (6) stem packing/seal, (7) top flange

**OPTIONS & NOTES**

- Custom Configurations available for special project requirements
- Available with manual gear, electric or pneumatic actuation to meet your automation needs.

BUTTERFLY VALVE

# Hydraulic Lug Butterfly Valve

REF **EFC-286** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN900 to DN1000</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>lug</b>
Temperature	<b>-10°C to 120°C</b>
Media	<b>chemicals, air, water, steam, oil, acids, salts</b>

## ACTUATION

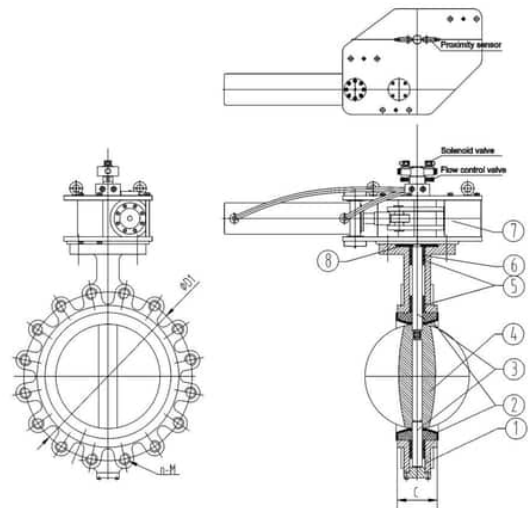
- hydraulic

## COATINGS & LINING

- Epoxy painting

## APPLICATIONS

- Large-scale pipelines
- Municipal water treatment
- Industrial fluid handling
- Pump stations
- Water distribution networks



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>S235JR + EPOXY PAINTING</b>	Seat	<b>EPDM</b>
Shaft	<b>SS420</b>	Disc	<b>S235JR + EPOXY PAINTING</b>
Bushing	<b>PTFE</b>	O ring	<b>NBR</b>
Fixed card board	<b>CARBON STEEL</b>		

**FEATURES**

- Compact structure
- Quick response
- Suitable for automation
- Corrosion-resistant materials
- Compatible with clean or lightly contaminated water applications
- Triple-offset / double-offset lug-type butterfly valve body
- Hydraulic cylinder actuator (double-acting) with hydraulic hose connections
- Solenoid valve mounted on actuator
- Flow control valve mounted on actuator
- Proximity sensor for end-position detection
- Parts numbered 1-8 on sectional diagram: (1) lower stem/bottom bearing, (2) body/seat area, (3) disc, (4) seat/seal ring, (5) upper stem bearing, (6) stem, (7) actuator bracket/yoke, (8) hydraulic cylinder
- Lugged body with through-bolting arrangement (n-M bolt pattern)
- Bore diameter referenced as ØD1 on drawing
- Face-to-face dimension referenced as C on drawing
- DN1000 size visible cast on valve body

**OPTIONS & NOTES**

- Customisable solutions tailored to project specifications available on request.
- Products hold up to 10 international authoritative certification certificates.

BUTTERFLY VALVE

# Hydraulic Lug Butterfly Valve

SECTION Dimensions per size REF EFC-286

SIZE	C	PN10_D1	PN10_N-M
DN900	203	1050	28-M30 null
DN1000	216	1160	28-M33 null

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

BUTTERFLY VALVE

# Pneumatic Actuator PTFE Seat Stainless Steel Wafer Butterfly Valve

REF **EFC-293** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN300</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>wafer (DIN2501) / wafer (ANSI) / wafer (BS4504) / wafer (JIS)</b>
Face-to-face	<b>API609, BS5155, DIN3202, ISO5752</b>
Temperature	<b>-20°C to 180°C</b>
Media	<b>Chemicals, air, water, steam, oil, acids, salts</b>

## ACTUATION

- pneumatic actuator — ISO5211

## STANDARDS

Design	<b>API609</b>
Test	<b>API598</b>

## APPLICATIONS

- HVAC
- Water supply and sewage
- Food and beverage
- Chemical/petrochemical/processing
- Power and utilities
- Paper and pulp
- Ship building
- Water treatment systems
- Industrial processes
- Building services



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CI, DI, WCB, SS</b>	Disc	<b>CI, DI, WCB, CF8, CF8M, D1+Ni</b>
Seat	<b>PTFE, EPDM, VITON, NBR, Hypalon</b>	Stem	<b>SS416, SS420, SS316, SS304</b>
O ring	<b>VITON, NBR, EPDM</b>	Bushing	<b>PTFE, Bronze</b>
Pin	<b>SS304, SS316</b>		

**FEATURES**

- Wafer-type body for installation between flanges
- PTFE seat providing bubble-tight shutoff
- 316 stainless steel body option
- Pneumatic actuator for automated operation
- ISO5211 top flange for actuator mounting
- Compatible with multiple flange drilling standards: DIN, BS, UNI, ISO, ANSI, AS, JIS
- Pneumatic actuator with double-acting or spring-return configuration; air ports labelled A and B, G1/4 threaded, with 4-M5 auxiliary ports
- Manual override knob on actuator side with OPEN/CLOSE direction arrows
- Wafer-pattern body with lug bolt holes for sandwiching between flanges
- PTFE seat/liner visible as white ring on disc face
- Lever handle with notched position plate marked OPEN and CLOSE with intermediate positions numbered
- Stem keyed/squared for direct actuator coupling

**OPTIONS & NOTES**

- Customization options available
- Products hold up to 10 international authoritative certification certificates

BUTTERFLY VALVE

# Pneumatic Actuators Wafer Butterfly Valve

REF **EFC-294** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1200</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>wafer (DIN / BS / UNI / ISO / ANSI / AS / JIS)</b>
Face-to-face	<b>API 609, ISO 5752 series 20, BS 5155, DIN 3202</b>
Temperature	<b>null°C to 150°C</b>
Media	<b>Fresh water, Sewage, Sea water, Air, Vapour, Food, Medicine, Oils, Acids, Alkalis</b>

## ACTUATION

- pneumatic — ISO 5211
- manual lever — ISO 5211
- worm gear — ISO 5211
- electric — ISO 5211

## STANDARDS

Design	<b>MSS SP-67, API 609, EN 593</b>
Test	<b>API 598</b>

## APPLICATIONS

- Municipal water supply
- Wastewater treatment
- HVAC systems
- Industrial water distribution
- Food and beverage
- Chemical / petrochemical / processing
- Power and utilities
- Paper and pulp
- Ship building

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-294** · Specifications confirmed at quote



**MATERIALS**

Body	<b>Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel, Al-Bronze</b>	Disc	<b>Al-Bronze, CF8M, CF8, Ductile Iron, WCB, DI+Ni</b>
Seat	<b>EPDM, PTFE, NBR, Viton, Neoprene, Hypalon, Silicone</b>	Stem	<b>SS416, SS316, SS304, Carbon Steel</b>
Bushing	<b>PTFE, Bronze</b>	O ring	<b>NBR, EPDM</b>
Pin	<b>SS304, SS316, SS416</b>		

**FEATURES**

- Compact wafer body for installation between standard flanges
- 90-degree on/off operation
- Low operating torque
- Flow characteristic tending towards linear for regulation
- Wide selection of body, disc, seat, and shaft materials
- Tested for tens of thousands of opening/closing cycles
- Wafer-pattern butterfly valve body with pneumatic scotch-yoke rack-and-pinion actuator
- Spring-return (fail-safe) actuator variants visible (orange end caps = spring return)
- Double-acting actuator variants visible (black end caps)
- PTFE-lined disc variant visible (image index 1)
- Rubber-seated disc variant visible (image index 0 and 4)
- Stainless steel body / full stainless construction variant visible (image index 3)
- Position indicator on actuator top (visual flag)
- Flange drilling to PN10, PN16, ANSI 150, JIS 10K standards
- Sectional diagram shows 7 numbered component positions: bottom stub shaft (1), lower bearing (2), disc (3), seat/liner (4), body (5), upper stem (6), top bearing/packing assembly (7)
- Dimension parameters shown: C (face-to-face), d0 (stem diameter), K (ISO 5211 mounting PCD), E (actuator mount bolt PCD), z-d (actuator bolt pattern), g (actuator mount flange diameter), h (key height), p (stem projection), bxl (key dimensions), D1 (flange OD), n-Od1 (bolt count and diameter)

**OPTIONS & NOTES**

- Available in a variety of sizes and actuator configurations to meet diverse project needs.

BUTTERFLY VALVE

# Pneumatic Actuators Wafer Butterfly Valve

SECTION Dimensions per size REF EFC-294

SIZE	D1	NØ	C	D0	K	E	Z-D	G	H	P	BxL
DN 50 (PN16)	125	4-18	42	12.6	77	50	4-7	35	3	9	3x16
DN 50 (PN10)	125	4-18	42	12.6	77	50	4-7	35	3	9	3x16
DN 50 (ANSI15)	120.5	4-19	42	12.6	77	50	4-7	35	3	9	3x16
DN 50 (JIS)	120	4-19	42	12.6	77	50	4-7	35	3	9	3x16
DN 65 (PN16)	145	4-18	44.7	12.6	77	50	4-7	35	3	9	4x16
DN 65 (PN10)	145	4-18	44.7	12.6	77	50	4-7	35	3	9	4x16
DN 65 (ANSI15)	139.5	4-19	44.7	12.6	77	50	4-7	35	3	9	4x16
DN 65 (JIS)	140	4-19	44.7	12.6	77	50	4-7	35	3	9	4x16
DN 80 (PN16)	160	8-18	45.2	12.6	77	50	4-7	35	3	9	3x16
DN 80 (PN10)	160	8-18	45.2	12.6	77	50	4-7	35	3	9	3x16
DN 80 (ANSI15)	152.5	4-19	45.2	12.6	77	50	4-7	35	3	9	3x16
DN 80 (JIS)	150	4-19	45.2	12.6	77	50	4-7	35	3	9	3x16
DN 100 (PN16)	180	8-18	52.1	15.72	90	70	4-9	55	3	11	5x19
DN 100 (PN10)	180	8-18	52.1	15.72	90	70	4-9	55	3	11	5x19
DN 100 (ANSI15)	190.5	8-19	52.1	15.72	90	70	4-9	55	3	11	5x19
DN 100 (JIS)	175	8-19	52.1	15.72	90	70	4-9	55	3	11	5x19
DN 125 (PN16)	210	8-18	54.4	18.92	90	70	4-9	55	3	14	5x19
DN 125 (PN10)	210	8-18	54.4	18.92	90	70	4-9	55	3	14	5x19
DN 125 (ANSI15)	216	8-22	54.4	18.92	90	70	4-9	55	3	14	5x19
DN 125 (JIS)	210	8-23	54.4	18.92	90	70	4-9	55	3	14	5x19
DN 150 (PN16)	240	8-23	56	18.92	90	70	4-9	55	3	14	5x19
DN 150 (PN10)	240	8-23	56	18.92	90	70	4-9	55	3	14	5x19
DN 150 (ANSI15)	241.5	8-22	56	18.92	90	70	4-9	55	3	14	5x19
DN 150 (JIS)	240	8-23	56	18.92	90	70	4-9	55	3	14	5x19
DN 200 (PN16)	295	12-23	60.6	22.1	125	102	4-12	70	3.5	17	7x15
DN 200 (PN10)	295	8-23	60.6	22.1	125	102	4-12	70	3.5	17	7x15
DN 200 (ANSI15)	298.5	8-22	60.6	22.1	125	102	4-12	70	3.5	17	7x15

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Pneumatic Actuators Wafer Butterfly Valve

Dimensions per size (continued) · EFC-294

SIZE	D1	NØ	C	D0	K	E	Z-D	G	H	P	B×L
<b>DN 200 (JIS)</b>	290	12-23	60.6	22.1	125	102	4-12	70	3.5	17	7×15
<b>DN 250 (PN16)</b>	350	12-27	68	26.4	125	102	4-12	70	3.5	22	8×28
<b>DN 250 (PN10)</b>	350	12-23	68	26.4	125	102	4-12	70	3.5	22	8×28
<b>DN 250 (ANSI15)</b>	362	12-25	68	26.4	125	102	4-12	70	3.5	22	8×28
<b>DN 250 (JIS)</b>	355	12-23	68	26.4	125	102	4-12	70	3.5	22	8×28
<b>DN 300 (PN16)</b>	400	12-27	76.9	31.6	125	102	4-12	70	3.5	22	8×28
<b>DN 300 (PN10)</b>	400	12-23	76.9	31.6	125	102	4-12	70	3.5	22	8×28
<b>DN 300 (ANSI15)</b>	432	12-25	76.9	31.6	125	102	4-12	70	3.5	22	8×28
<b>DN 300 (JIS)</b>	400	16-25	76.9	31.6	125	102	4-12	70	3.5	22	8×28
<b>DN 350 (PN16)</b>	460	16-27	76.9	31.6	125	102	4-12	70	3.5	22	8×28
<b>DN 350 (PN10)</b>	460	16-23	76.9	31.6	125	102	4-12	70	3.5	22	8×28
<b>DN 350 (ANSI15)</b>	476	12-29	76.9	31.6	125	102	4-12	70	3.5	22	8×28
<b>DN 350 (JIS)</b>	445	16-25	76.9	31.6	125	102	4-12	70	3.5	22	8×28
<b>DN 400 (PN16)</b>	525	16-30	86.5	35.15	175	140	4-18	100	4	24	10×50
<b>DN 400 (PN10)</b>	515	16-27	86.5	35.15	175	140	4-18	100	4	24	10×50
<b>DN 400 (ANSI15)</b>	540	16-29	86.5	35.15	175	140	4-18	100	4	24	10×50
<b>DN 400 (JIS)</b>	510	16-27	86.5	35.15	175	140	4-18	100	4	24	10×50
<b>DN 450 (PN16)</b>	585	20-30	105.6	38	175	140	4-18	100	4	27	10×50
<b>DN 450 (PN10)</b>	565	20-27	105.6	38	175	140	4-18	100	4	27	10×50
<b>DN 450 (ANSI15)</b>	578	16-32	105.6	38	175	140	4-18	100	4	27	10×50
<b>DN 450 (JIS)</b>	565	20-27	105.6	38	175	140	4-18	100	4	27	10×50
<b>DN 500 (PN16)</b>	650	20-33	127	41.15	175	140	4-18	100	4	32	10×50
<b>DN 500 (PN10)</b>	620	20-27	127	41.15	175	140	4-18	100	4	32	10×50
<b>DN 500 (ANSI15)</b>	635	20-32	127	41.15	175	140	4-18	100	4	32	10×50
<b>DN 500 (JIS)</b>	620	20-27	127	41.15	175	140	4-18	100	4	32	10×50
<b>DN 600 (PN16)</b>	725	20-36	150.5	50.21	210	165	4-23	130	5	36	2-16×60
<b>DN 600 (PN10)</b>	725	20-27	150.5	50.21	210	165	4-23	130	5	36	2-16×60
<b>DN 600 (ANSI15)</b>	749.5	20-33	150.5	50.21	210	165	4-23	130	5	36	2-16×60
<b>DN 600 (JIS)</b>	730	24-33	150.5	50.21	210	165	4-23	130	5	36	2-16×60
<b>DN 700 (PN16)</b>	840	24-36	163	55	300	254	8-18	200	5.5	—	2-18×63
<b>DN 700 (PN10)</b>	840	24-30	163	55	300	254	8-18	200	5.5	—	2-18×63
<b>DN 700 (ANSI15)</b>	863.5	28×1¼in	163	55	300	254	8-18	200	5.5	—	2-18×63
<b>DN 700 (JIS)</b>	840	24-33	163	55	300	254	8-18	200	5.5	—	2-18×63

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Pneumatic Actuators Wafer Butterfly Valve

Dimensions per size (continued) · EFC-294

SIZE	D1	NØ	C	D0	K	E	Z-D	G	H	P	B×L
<b>DN 750 (PN16)</b>	914	24-36	165	55	300	254	8-18	200	5.5	—	2-18×63
<b>DN 750 (PN10)</b>	914	24-30	165	55	300	254	8-18	200	5.5	—	2-18×63
<b>DN 750 (ANSI15)</b>	914.5	28×1¼in	165	55	300	254	8-18	200	5.5	—	2-18×63
<b>DN 750 (JIS)</b>	900	24-33	165	55	300	254	8-18	200	5.5	—	2-18×63
<b>DN 800 (PN16)</b>	950	24-39	188	63	300	254	8-18	200	5.5	—	2-18×63
<b>DN 800 (PN10)</b>	950	32-33	188	63	300	254	8-18	200	5.5	—	2-18×63
<b>DN 800 (ANSI15)</b>	978	28-41	188	63	300	254	8-18	200	5.5	—	2-18×63
<b>DN 800 (JIS)</b>	950	28-33	188	63	300	254	8-18	200	5.5	—	2-18×63
<b>DN 900 (PN16)</b>	1050	28-39	203	75	300	254	8-18	200	5.5	—	2-20×100
<b>DN 900 (PN10)</b>	1050	32-33	203	75	300	254	8-18	200	5.5	—	2-20×100
<b>DN 900 (ANSI15)</b>	1086	32-38	203	75	300	254	8-18	200	5.5	—	2-20×100
<b>DN 900 (JIS)</b>	1050	32-33	203	75	300	254	8-18	200	5.5	—	2-20×100
<b>DN 1000 (PN16)</b>	1160	28-42	216	85	300	254	8-18	200	5.5	—	2-20×100
<b>DN 1000 (PN10)</b>	1160	36-38	216	85	300	254	8-18	200	5.5	—	2-20×100
<b>DN 1000 (ANSI15)</b>	1200	36-41	216	85	300	254	8-18	200	5.5	—	2-20×100
<b>DN 1000 (JIS)</b>	1160	36-41	216	85	300	254	8-18	200	5.5	—	2-20×100
<b>DN 1100 (PN16)</b>	1270	32-44	251	95	350	298	8-23	230	5.5	—	2-20×100
<b>DN 1100 (PN10)</b>	1270	36-38	251	95	350	298	8-23	230	5.5	—	2-20×100
<b>DN 1100 (ANSI15)</b>	1257.5	36-41	251	95	350	298	8-23	230	5.5	—	2-20×100
<b>DN 1100 (JIS)</b>	1270	36-41	251	95	350	298	8-23	230	5.5	—	2-20×100
<b>DN 1200 (PN16)</b>	1390	32-50	276	105	350	298	8-23	230	5.5	—	2-28×140
<b>DN 1200 (PN10)</b>	1380	32-41	276	105	350	298	8-23	230	5.5	—	2-28×140
<b>DN 1200 (ANSI15)</b>	1422.5	40-41	276	105	350	298	8-23	230	5.5	—	2-28×140
<b>DN 1200 (JIS)</b>	1380	32-50	276	105	350	298	8-23	230	5.5	—	2-28×140

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# PTFE Coated Lug Butterfly Valve

REF **EFC-296** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1200</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>lug (ANSI B 16.1) / lug (EN 1092) / lug (AS 2129)</b>
Face-to-face	<b>ANSI B 16.10</b>
Temperature	<b>-45°C to 150°C</b>
Media	<b>chemical media, high-purity media, corrosive media</b>

## COATINGS & LINING

- PTFE coating (2–3 mm lining)

## APPLICATIONS

- Aggressive chemical service
- High-purity media service
- Corrosive media service



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>Cast Iron, Ductile Iron, WCB, ALB, CF8, CF8M</b>	Disc	<b>Cast Iron, Ductile Iron, ALB, CF8M, CF8</b>
Stem	<b>SS416, SS304, SS316, SS431</b>	Seat	<b>Hypalon, EPDM, Neoprene, NBR, Viton, Silicon, PTFE</b>
Body	<b>Cast Iron (CI), Ductile Iron (DI)</b>	Down Shaft	<b>SS410</b>
Liner (Seat)	<b>PTFE</b>	Butterfly Spring	<b>Spring Steel</b>
Disc	<b>CF8M + PTFE</b>	Up Shaft	<b>SS410, SS304, SS316</b>
Seat Energiser	<b>Silicone</b>	Pressing Sleeve	<b>Stainless Steel</b>
Bushing	<b>PTFE</b>	Bolt	<b>SS304</b>

**FEATURES**

- Compact structure with low weight
- 90° rotation for rapid open/close operation
- Eccentric structure reduces seal packing collar friction
- Bubble-tight shutoff (zero leakage)
- PTFE lining thickness 2-3 mm
- Top flange to ISO 5211 for actuator mounting
- Lug-type body configuration
- PTFE full-face liner/seat
- 7-part construction: body, down shaft, liner (seat), butterfly spring, disc, up shaft, seat energiser, pressing sleeve, bushing, bolt
- Stem square drive top (ISO 5211 pattern inferred from mounting pad)

**OPTIONS & NOTES**

- Our products hold up to 10 international authoritative certification certificates

BUTTERFLY VALVE

# PTFE Full Coated Lug Butterfly Valve

REF **EFC-297** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN600</b>
Pressure	<b>PN6 to PN10</b>
End connection	<b>lug</b>
Media	<b>chemicals, acids, alkalis, wastewater</b>

## COATINGS & LINING

- Full PTFE coating

## APPLICATIONS

- chemical processing
- wastewater treatment
- pharmaceutical



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>DI</b>	Seat	<b>PTFE</b>
Disc	<b>CF8+PTFE, PFA</b>	Lower stem	<b>SS420</b>
Upper stem	<b>SS420</b>	Nut	<b>SS</b>
Stem	<b>SS420</b>		

**FEATURES**

- Full PTFE coating for chemical, acid, and alkali resistance
- Lug-type design allows end-of-line service without disturbing pipeline
- PTFE seat provides low-torque operation and leak-tight sealing
- Disc coated with PTFE or PFA for media purity
- Lug-type body configuration
- PTFE/full-lined seat and disc (white lining visible)
- Gearbox actuator fitted
- Raised face bolt pattern with threaded lug holes
- Through-stem design with upper and lower stem bearings
- Disc visible in closed position (face view)

**OPTIONS & NOTES**

- Gear material not specified in materials table

BUTTERFLY VALVE

# PTFE Full Coated Lug Butterfly Valve

SECTION Dimensions per size REF EFC-297

SIZE	L	D1	N-M
DN50	43	125	4-M16 null
DN65	46	145	4-M16 null
DN80	46	160	8-M16 null
DN100	52	180	8-M16 null
DN125	56	210	8-M16 null
DN150	56	240	8-M20 null
DN200	60	295	8-M20 null
DN250	68	350	12-M20 null
DN300	78	400	12-M20 null
DN350	78	460	16-M20 null
DN400	102	515	16-M24 null
DN450	114	565	20-M24 null
DN500	127	620	20-M24 null
DN600	154	725	20-M27 null

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

BUTTERFLY VALVE

# PTFE Seat Flange Butterfly Valve

REF **EFC-298** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1200</b>
Pressure	<b>PN10/16</b>
End connection	<b>flanged (DIN / BS / UNI / ISO / ANSI / AS / JIS)</b>
Face-to-face	<b>API609, BS5155, DIN3202, ISO5752</b>
Temperature	<b>-15°C to 135°C</b>
Media	<b>Chemicals, Air, Water, Steam, Oil, Acids, Salts</b>

## APPLICATIONS

- HVAC
- Water Supply & Sewage
- Food & Beverage
- Chemical / Petrochemical / Processing
- Power and Utilities
- Paper and Pulp
- Ship Building



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	CI, DI, CS, SS, Al-Bronze	Seat	PTFE, EPDM, NBR, Hypalon, Buna
Disc	CF8, CF8M, DI+Ni, Al-Bronze, WCB	Stem	SS416, SS316, SS304, Carbon Steel
Pin	SS304, SS316, SS416	Bushing	PTFE, Bronze, Lubricating
O ring	NBR, EPDM, Buna, Hypalon		

**FEATURES**

- PTFE (Teflon) seat providing corrosion-resistant sealing
- Flanged end connections compatible with multiple international flange standards
- Multiple body, disc, and seat material options available
- ISO5211 mounting flange for actuator compatibility
- Flanged body (full-face flange pattern)
- PTFE-lined bore and seat visible in product photos
- Available with pneumatic actuator and positioner/limit switch assembly (index 0)
- Available with gearbox operator (worm-gear handwheel) (indices 1 and 2)
- Stainless steel disc visible through PTFE seat liner
- Dimensional parameters shown: C (face-to-face), d0 (shaft diameter), K (bolt circle), E (bolt circle secondary), z-d (number and diameter of bolts), g, h, p, bXl
- Flange drilling data provided for PN16, PN10, ANSI 150, and JIS 10K standards across DN50 to DN1200

**OPTIONS & NOTES**

- Our products hold up to 10 international authoritative certification certificates, ensuring compliance with global standards.

BUTTERFLY VALVE

# Red 5K Lug Butterfly Valve

REF **EFC-300** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN1200</b>
Pressure	<b>PN16</b>
End connection	<b>lug (ANSI B16.1 / EN1092 / AS2129 / DIN / BS / UNI / ISO / JIS)</b>
Face-to-face	<b>API 609, BS 5155, DIN 3202, ISO 5752, ANSI B16.10</b>
Temperature	<b>-45°C to 150°C</b>
Media	<b>Water, Sewage, Fire protection media, HVAC fluids, Food and beverage, Chemical/petrochemical process fluids, Paper and pulp process fluids</b>



## APPLICATIONS

- Water supply and drainage
- Fire protection systems
- HVAC
- Hydraulic engineering
- Industrial water treatment
- Food and beverage
- Chemical/petrochemical/processing
- Power and utilities
- Paper and pulp
- Ship building

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CI, DI, CS, SS, WCB, ALB, CF8, CF8M</b>	Seat	<b>EPDM, PTFE, VITON, NBR, Hypalon, Neoprene, Silicon</b>
Stem	<b>SS416, SS316, SS304, SS431, CS</b>	Disc	<b>CI, DI, ALB, CF8, CF8M, Ni, SS304</b>
Pin	<b>SS</b>	Bushing	<b>PTFE, Bronze</b>
O ring	<b>NBR, EPDM</b>		

**FEATURES**

- Lug-type construction for end-of-line service
- Eccentric structure reduces seat friction and extends service life
- 90° rotation for rapid open/close operation
- Zero-leakage sealing
- Compact and lightweight construction
- Easy assembly and disassembly
- Lug-type body configuration
- Lever operated with notched locking handle
- Part numbers visible on disc: 2006
- Pressure class markings visible on body: 16K
- 7-part numbered sectional assembly shown in dimensional drawing
- Dimension parameters shown: C (face-to-face), d0 (stem diameter), K (bolt circle), E (bolt circle inner), z-d (number and diameter of bolts), g (stem top diameter), h (stem top height), p (flange thickness), b (stem key width), l (stem key length)
- Flange drilling data provided for PN16, PN10, ANSI 150 and JIS 10K standards
- Size range DN50 to DN1200 (2" to 48")

**OPTIONS & NOTES**

- Normal Pressure stated as PN1.0/1.6 MPa (150/200 PSI) in product header; Working Pressure stated as PN16 (200 PSI) in specification table

BUTTERFLY VALVE

# Stainless Steel PTFE Seat Lug Butterfly Valve

REF **EFC-308** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN1200</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>lug (ANSI B 16.1) / lug (EN1092) / lug (AS2129)</b>
Face-to-face	<b>ANSI B 16.10</b>
Temperature	<b>-45°C to 150°C</b>

## APPLICATIONS

- water systems
- industrial process applications



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CI, DI, CS, SS</b>	Seat	<b>EPDM, PTFE, VITON, NBR, Hypalon</b>
Shaft	<b>SS416, 316, 304, CS</b>	Disc	<b>CF8, CF8M, DI+Ni, SS304</b>
Pin	<b>SS</b>	Bushing	<b>PTFE</b>
O ring	<b>NBR, EPDM</b>	Stem	<b>SS416, 316, 304, CS</b>

**FEATURES**

- Compact and lightweight structure with 90° rotation for rapid open/close operation
- Eccentric structure reduces seal friction and extends valve service life
- Bubble-tight shutoff (zero leakage)
- Easy assembly and disassembly
- Lug-type body (fully lugged with threaded inserts)
- PTFE/white seat liner visible
- Stainless steel disc
- Lever handle operator with spring-return detent
- ISO 5211 top flange for actuator mounting
- Dual upper and lower shaft arrangement
- 8-bolt lug pattern on larger sizes

**OPTIONS & NOTES**

- Our products hold up to 10 international authoritative certification certificates, ensuring compliance with global standards.

BUTTERFLY VALVE

# Stainless Steel PTFE Seat Wafer Butterfly Valve

REF **EFC-309** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1000</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>wafer (DIN2501) / wafer (ANSI) / wafer (BS4504) / wafer (JIS)</b>
Face-to-face	<b>API609, DIN3202, ISO5752, BS5155</b>
Temperature	<b>-30°C to 135°C</b>
Media	<b>chemicals, air, water, steam, oil, acids, salts</b>

## STANDARDS

Design	<b>API609, ANSI16.34, JISB2064, GB T12238</b>
Test	<b>API598</b>

## APPLICATIONS

- Municipal water supply
- Industrial water circulation
- HVAC systems
- Wastewater treatment



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CI, DI, CS, SS</b>	Seat	<b>EPDM, PTFE, VITON, NBR, Hypalon</b>
Shaft	<b>SS416, SS316, SS304, CS</b>	Disc	<b>CF8, CF8M, DI+Ni, SS304, CS</b>
Pin	<b>SS</b>	Bushing	<b>PTFE, Bronze</b>
O ring	<b>NBR, EPDM</b>	Stem	<b>SS416, SS316, SS304, CS</b>

**FEATURES**

- Compact wafer-type body for installation between standard flanges
- PTFE seat for chemical resistance
- Low torque operation
- ISO5211 top flange for actuator mounting
- Available in multiple body and seat material combinations
- Wafer-style body with lug ears for pipeline installation
- PTFE seat/liner visible as white ring in body bore
- Lever handle with notched position bracket (positions marked 1-8 plus OPEN/CLOSE)
- Stainless steel stem with top and bottom stub-shaft configuration (parts 1-7 visible in sectional drawing)
- Body cast marking DN100 and CF8 (stainless steel grade CF8 / AISI 304)
- Pressure rating marking 150 Lb visible on stem neck
- Flanged drilling dimensions tabulated for PN10, PN16, ANSI 150 and JIS 10K standards

**OPTIONS & NOTES**

- Products hold up to 10 international authoritative certification certificates

BUTTERFLY VALVE

# Triple Eccentric Lug Butterfly Valve

REF **EFC-314** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN50 to DN600</b>
Pressure	<b>Class 150 to PN16</b>
End connection	<b>lug / flanged</b>
Temperature	<b>-100°C to 425°C</b>
Media	<b>Crude Oil, Natural Gas</b>

## ACTUATION

- worm gear
- pneumatic
- manual

## STANDARDS

Design	<b>API 609</b>
--------	----------------

## APPLICATIONS

- Power generation
- Petrochemical
- Water treatment
- End-of-line service



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

Body	<b>WCB, WCC, WCA, LCB, LCC, LC1, WC6, WC9, C5, C12, C12A, CF8, CF8M, CF3, CF3M, CF8C, CN7M, CN3M, CT15C, 4A, 5A, CE8MN, CD6MN, CD3MN, C95500, C95600, C95800, M30C, M35-1, CZ100, CY40, CW2M, N12MV, CW12MW, CU5MCuC, CW6MC</b>	Disc	<b>CF8</b>
Stem	<b>SS410</b>	Sealing ring	<b>SS304+Graphite</b>
Packing	<b>Flexible Graphite</b>	Packing flange	<b>WCB</b>
Connecting support	<b>WCB</b>	Stud	<b>CS</b>
Washers	<b>CS</b>	Bolt	<b>CS, SS304</b>
Bushing	<b>Nitriding</b>	Pon	<b>SS304</b>
Disc flange	<b>SS304</b>		

## FEATURES

- Triple offset geometry providing metal-to-metal sealing
- Lug-style body for end-of-line service capability
- Zero-leakage shut-off performance
- Low torque operation
- Reduced maintenance due to minimal disc-seat contact during operation
- Triple-offset (triple eccentric) disc geometry visible in sectional diagram
- Lug-type body with threaded lug holes for dead-end service
- Multi-level seal packing collar between disc and body (shown in detail callout A)
- Clamp retaining the seat/seal assembly
- Gearbox (worm-gear) actuator option
- Pneumatic actuator option (double-acting cylinder visible in images 0 and 3)
- Handwheel actuator option
- Part numbering on sectional diagram: items 1-12 identified (full legend not fully legible)
- Dimension references on drawing: L (face-to-face), DN (nominal bore), D1 (disc/seat diameter), n-M (bolt hole pattern)

## OPTIONS & NOTES

- Available in multiple sizes and material options to match application needs.
- Products hold up to 10 international authoritative certification certificates.
- Complies with international standards such as API, EN, and ASME.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Triple Eccentric Lug Butterfly Valve

SECTION Dimensions per size REF EFC-314

SIZE	L	D1	N-M
DN50	43	125	4-M16 null
DN65	46	145	4-M16 null
DN80	64	160	8-M16 null
DN100	64	180	8-M16 null
DN125	70	210	8-M16 null
DN150	76	240	8-M20 null
DN200	89	295	12-M20 null
DN250	114	355	12-M24 null
DN300	114	410	12-M24 null
DN350	127	470	16-M24 null
DN400	140	525	16-M27 null
DN450	152	585	20-M27 null
DN500	152	650	20-M30 null
DN600	154	770	20-M33 null

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

BUTTERFLY VALVE

# Two Holes PTFE Wafer Butterfly Valve

REF **EFC-316** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN1200</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>wafer (ANSI B 16.1) / wafer (EN1092) / wafer (AS2129)</b>
Face-to-face	<b>ANSI B 16.10</b>
Temperature	<b>-45°C to 150°C</b>
Media	<b>corrosive media, treated water, industrial fluids</b>

## APPLICATIONS

- pipeline construction
- HVAC systems
- industrial water treatment
- municipal water systems



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CI, DI, WCB, ALB, CF8, CF8M</b>	Seat	<b>Hypalon, EPDM, Neoprene, NBR, Viton, Silicone, PTFE</b>
Stem	<b>SS416, 304, 316, 431</b>	Disc	<b>CI, DI, ALB, CF8M, CF8</b>
Pin	<b>Stainless steel</b>	Bushing	<b>PTFE, Bronze</b>
O ring	<b>NBR, EPDM</b>		

**FEATURES**

- Compact wafer-style body with dual alignment holes for installation between flanges
- PTFE lining providing chemical resistance
- Eccentric structure to reduce seat friction and extend service life
- 90° rotation for rapid open/close operation
- Zero-leakage sealing
- Low-torque disc operation
- Wafer-style butterfly valve with PTFE/full-lined seat (white liner visible)
- Lever operated with lockable notched handle
- Shaft options: Round with key, Diagonal square head, Double D head
- Flanged drilling to ANSI 150 and DIN PN10/16
- Parts identified in sectional drawing: 1-body, 2-disc, 3-seat/liner, 4-stem (lower), 5-stem (upper), 6-stem packing/bushing, 7-top plate/flange
- Dimension references: A=overall height, B=body height, C=face-to-face, D=bore diameter, L=stem length above body, d0=stem diameter, P=key width, H=key height, K=upper flange PCD, E=upper flange diameter, z-d=bolt holes count and diameter, g=upper flange bolt PCD, h=upper flange bolt hole diameter, D1=flange OD, n-od1=bolt hole count and diameter

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Wcb Carbon Steel Flange Butterfly Valve

REF **EFC-320** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN3200</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>flanged (DIN) / flanged (ANSI B 16.1) / flanged (BS 4504) / flanged (ISO) / flanged (JIS B 2212/2213) / flanged (BS 10 Table D) / flanged (BS 10 Table E)</b>
Face-to-face	<b>API 609, ISO 5752 Series 20, BS 5155</b>
Temperature	<b>-15°C to 150°C</b>
Media	<b>Fresh water, Sewage, Sea water, Air, Vapour, Food, Medicine, Oils, Acids, Alkalis, Chemicals, Steam</b>

## ACTUATION

- manual lever
- worm gear
- pneumatic
- electric

## STANDARDS

Design	<b>MSS SP-67, API 609, EN 593</b>
Test	<b>API 598</b>

## APPLICATIONS

- Municipal water systems
- Engineering projects
- Water treatment plants
- HVAC networks
- Industrial process lines



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	WCB, CF8M, Cast Iron, Ductile Iron, Al-Bronze	Disc	Al-Bronze, CF8M, Ductile Iron, WCB
Seat	EPDM, PEFE, Buna, NBR, Hypalon	Stem	Carbon Steel, Stainless Steel 314, Stainless Steel 316
Bushing	PTFE, Lubricating	O ring	EPDM, PEFE, Buna, NBR, Hypalon
Pin	SS316, SS416, SS304		

**FEATURES**

- Flanged-end connection for secure pipeline integration
- Low-torque disc operation
- Tight shut-off
- Customisable size, actuation type, and sealing material
- Flanged-end butterfly valve with lug/wafer body style
- Gearbox operator mounted on top (red housing)
- Pressure ratings: PN10, PN16, ANSI 150
- Size range: DN50 (2") to DN1200 (48")
- Dimensional parameters: C (face-to-face), d0 (stem diameter), K (stem bolt circle), E (stem flange diameter), z-d (stem bolt pattern), g (key width), h (key depth), p (keyway depth), bXI (key dimensions), D1 (flange bolt circle), n-Ød1 (bolt hole count and diameter)

**OPTIONS & NOTES**

- Can be customized to meet specific project requirements, including size, actuation type, and sealing material.

BUTTERFLY VALVE

# Worm Gear operated Wafer Butterfly Valve

REF **EFC-321** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1200</b>
End connection	<b>wafer</b>
Media	<b>water, wastewater, general industrial fluids</b>

## ACTUATION

- worm gear — Low-torque worm gear operator enabling smooth manual throttling or shut-off; 90° rotation

## APPLICATIONS

- Municipal water distribution
- HVAC systems
- Wastewater treatment
- General industrial fluid management



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-321** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

**MATERIALS**

Body	<b>CI, DI, CS, SS</b>	Seat	<b>EPDM, PTFE, VITON, NBR, Hypalon, Neoprene, Silion</b>
Shaft	<b>SS416, SS316, SS304, CS</b>	Disc	<b>CF8, CF8M, DI+Ni, SS304, CF8+PTFE, CF8M+PTFE, Bronze</b>
Pin	<b>SS</b>	Bushing	<b>PTFE, Bronze</b>
O ring	<b>NBR, EPDM</b>	Stem	<b>SS416, SS316, SS304, CS</b>

**FEATURES**

- Compact wafer-type body for installation between pipeline flanges
- Worm gear operator for smooth, low-torque manual operation
- 90° rotation for rapid open/close
- Eccentric structure to reduce seat friction and extend service life
- Zero-leakage sealing
- Easy assembly and disassembly
- Wafer-style body with gear operator (worm gearbox)
- Seven-part sectional construction identified in dimensional drawing (parts labelled 1-7)
- Flanged drilling shown for PN10, PN16, ANSI 150 and JIS 10K bolt patterns
- PTFE-lined disc variant visible (white disc face, image index 3)
- Stainless steel disc variant visible
- Through-stem (double-stem) design shown in sectional drawing

**OPTIONS & NOTES**

- Our products hold up to 10 international authoritative certification certificates, ensuring compliance with global standards.

BUTTERFLY VALVE

# AWWA C504 Butterfly Valve

REF **EFC-326** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN350 to DN4000</b>
Pressure	<b>Class 75B to Class 250B</b>
End connection	<b>flanged (ASME B16.1) / flanged (ASME B16.5) / flanged (AWWA C207) / flanged (EN 1092) / grooved (Victaulic)</b>
Face-to-face	<b>EN 558-1 / ISO 5752 series 14, EN 558-1 / ISO 5752 series 13</b>
Temperature	<b>0°C to 80°C</b>
Media	<b>drinking water, sea water, TSE water, low-corrosive liquid</b>

## ACTUATION

- manual gearbox — handwheel or chainwheel
- electric actuator — via gearbox with ISO 5210 top works — ISO 5210
- electric actuator — direct mount
- hydraulic cylinder
- pneumatic cylinder

## STANDARDS

Design	<b>AWWA C504, EN 593, BS5155, DIN3354</b>
Test	<b>AWWA C504</b>

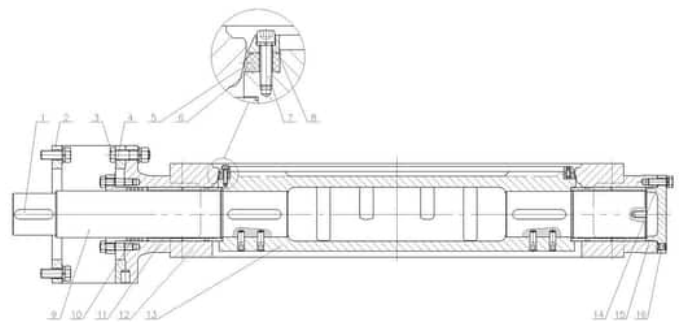
## COATINGS & LINING

- Fusion bonded epoxy coating, non-toxic, WRAS/NSF approved for potable water

## APPLICATIONS

- Drinking water
- Sea water
- Cooling water

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.



- TSE water
- Desalination
- Low-corrosive liquids

**MATERIALS**

Body	<b>65-45-12, 60-40-18</b>	Disc	<b>65-45-12</b>
Shaft	<b>630</b>	Body seat	<b>304</b>
Disc seal ring	<b>EPDM</b>	O ring	<b>EPDM</b>
Packing	<b>PTFE</b>	Shaft bearing	<b>316</b>
Shaft bush	<b>Aluminium Bronze</b>	Packing gland	<b>65-45-12</b>
Shaft cover	<b>65-45-12</b>	Retainer ring	<b>304</b>
Key	<b>420</b>	Yoke	<b>A36</b>
Bolt	<b>304</b>	Screw	<b>304</b>
Seat	<b>304</b>	Stem	<b>630</b>

**FEATURES**

- Body with minimum shell thickness per AWWA C504 standard
- Flat face flange ends
- Solid single disc or lattice disc for larger sizes
- 360° uninterrupted seal ring secured with retainer ring for bidirectional service up to full rated pressure
- Disc seal ring adjustable and replaceable without special tools
- Two-piece stub-type shaft of SS630
- Body seat ring stainless steel welded and micro-finished
- Aluminium bronze shaft bush in both body trunnions, maintenance free
- Multiple O-rings on bearing bush and V-type shaft packing for shaft sealing
- V-type shaft packing and extended top bracket for online adjustment and replacement of shaft packing without gearbox disassembly
- Disc to shaft connection by SS630 taper pins
- Cycle tested per AWWA C504 requirements
- Leakage rate Class A (zero leakage) bidirectional, 100% tested before delivery
- Optional shaft locking device
- Optional rubber lining (ebonite lining)
- Optional extended bonnet
- Double-offset (double eccentric) butterfly valve design
- Extended shaft arrangement visible - shaft protrudes below body for bottom bearing access
- Gear operator (worm gearbox) mounted on top of valve
- Flanged end connections
- Streamlined disc design noted in diagram callout
- Shaft designed to be isolated from flow medium
- Bearings referenced in sectional diagram
- Sectional cross-section (index 4/10) shows 16 numbered component parts including body, disc, shaft, seals and fasteners

**OPTIONS & NOTES**

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

- Other materials such as carbon steel, st. steel, duplex SS, al-bronze are available on request.
- Victaulic grooved ends or other type of connection ends are also available.
- Two piece, stub-type shaft of corrosion resistant material SS630, other materials available as request.
- Disc to shaft connection by SS630 taper pins. Other methods available as request.
- The material solution of Aluminum bronze/nickel aluminum bronze (such as ASTM B148 C95400/C95500/C95800 body & disc and nickel-copper alloy (such as Monel k500 etc.) shaft is available for desalination of sea water project.

BUTTERFLY VALVE

# Butterfly Valve With Bypass

REF **EFC-331** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN500 to DN1800</b>
Pressure	<b>PN10 to PN40</b>
End connection	<b>flanged (EN1092-2)</b>
Media	<b>drinking water, treated wastewater, raw water</b>

## ACTUATION

- worm wheel gearbox — Self-locking; spur gear or bevel gear available to reduce required input torque

## STANDARDS

Test	<b>EN12266</b>
------	----------------

## COATINGS & LINING

- FBE (Fusion Bonded Epoxy) internal and external, 250µm DFT

## APPLICATIONS

- drinking water
- treated wastewater
- raw water
- underground installation



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

Body	<b>ductile cast iron</b>	Disc	<b>ductile iron, stainless steel</b>
Lining	<b>ebonite</b>	Coating	<b>FBE 250µm DFT</b>

## FEATURES

- Integral bypass system comprising main valve, bypass pipe, and bypass valve
- Bypass valve can be opened while main valve is closed to maintain minimum flow and avoid water stagnancy
- Bypass valve used to equalise differential pressure across main valve prior to opening, enabling manual operation without power
- Flow-through disc design minimises line turbulence and reduces head loss
- Position indicator with adjustable end limit stops at open and closed positions
- Position indicator extendable above ground for underground installations
- Clockwise closing rotation
- Worm wheel gearbox with self-locking function
- Body strength test at 1.5x design pressure per EN12266
- Seat leakage test at 1.1x design pressure per EN12266
- Bidirectional zero-leakage design tested at rated working pressure differential
- Test certificate issued for each valve
- Large-bore flanged butterfly valve with integrated bypass gate valve on top
- Side-mounted gearbox actuator with handwheel operation
- Flanged end connections with full-face bolt pattern
- Concentric or double-eccentric disc configuration visible from bore view
- Separate small-bore bypass valve (gate type with handwheel) mounted to valve body
- Air release/vacuum breaker assembly mounted to upper body
- Blue epoxy or paint coating applied to external surfaces

## OPTIONS & NOTES

- Other standard drilling can be provided as special request

BUTTERFLY VALVE

# Alpine Wafer Lugged Butterfly Valve

REF **EFC-376** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN300</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>wafer (EN 1092-2)</b>
Face-to-face	<b>DIN 3202, ISO 5752</b>

## STANDARDS

Design	<b>EN 593, ISO 5752, DIN 3202, BS 5155, API 609, ISO 5211</b>
Test	<b>BS/ISO/GB, Seat: 1.1 x PN, Body: 1.5 x PN</b>

## APPLICATIONS

- Water treatment
- Pump stations
- Building services
- HVAC
- Industrial water



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>Ductile Iron GGG40</b>	Disc	<b>Ductile Iron, Stainless Steel, Aluminum Bronze</b>
Seat	<b>NBR, EPDM</b>	Shaft	<b>AISI 410, AISI 304, 316</b>
Bushings	<b>PTFE, Aluminum Bronze (CA103)</b>	Worm gear head	<b>Cast Iron GGG25</b>
Lever	<b>Carbon Steel</b>		

**FEATURES**

- Pinless shaft-to-disc connection provides stronger, fixed coupling and keeps the stem firm during operation
- EPDM/NBR rubber seat moulded onto the body ensures full corrosion resistance and bi-directional bubble-tight shut-off
- Hard-back seat design: dimensionally stable sealing surface, minimal seat wear, blow-out proof and field replaceable
- One-piece seat has integral O-ring for upper and lower shafts, working with disc edge hub to provide a double stem seal
- Epoxy-coated body for corrosion resistance, maximising service life
- ISO 5211 top flange for direct actuator mounting

**PRESSURE-TEMPERATURE RATING**

CLASS	TEMPERATURE	MAX PRESSURE
PN16	-10°C	16 bar
PN16	120°C	16 bar

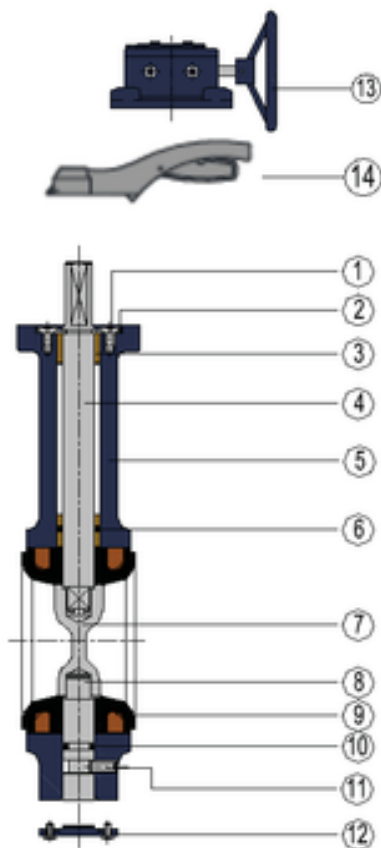
Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Alpine Wafer Lugged Butterfly Valve

SECTION Technical drawing 1 of 2 REF EFC-376

## WB-Wafer Butterfly Valve



### Parts List

No.	Part Name	Material	Standard
1	Bolts	Stainless Steel	AISI 410
2	Retaining Plate	Stainless Steel	AISI 410
3	Bushing	Plastic+Aluminum Bronze	Teflon+AL/CA103
4	Upper Shaft	Stainless Steel	AISI 410/304/316
5	Body	DI	GGG40
6	O-Ring	Rubber	NBR/EPDM
7	Disc	DI/ Stainless Steel/ Aluminum Bronze	GGG40+Nickel Plated/CF8,CF8M/ C95400 AB1
8	Bottom Shaft	Stainless Steel	AISI 410/304/306
9	Replaceable Seat	Rubber	NBR/EPDM
10	O-Ring	Rubber	NBR/EPDM
11	Bolts	Stainless Steel	Commercial
*12	Bottom Cover	DI	GGG40
13	Worm Gear Head	CI	GGG25
14	Lever	CS	Commercial

\* Only for DN400 and above

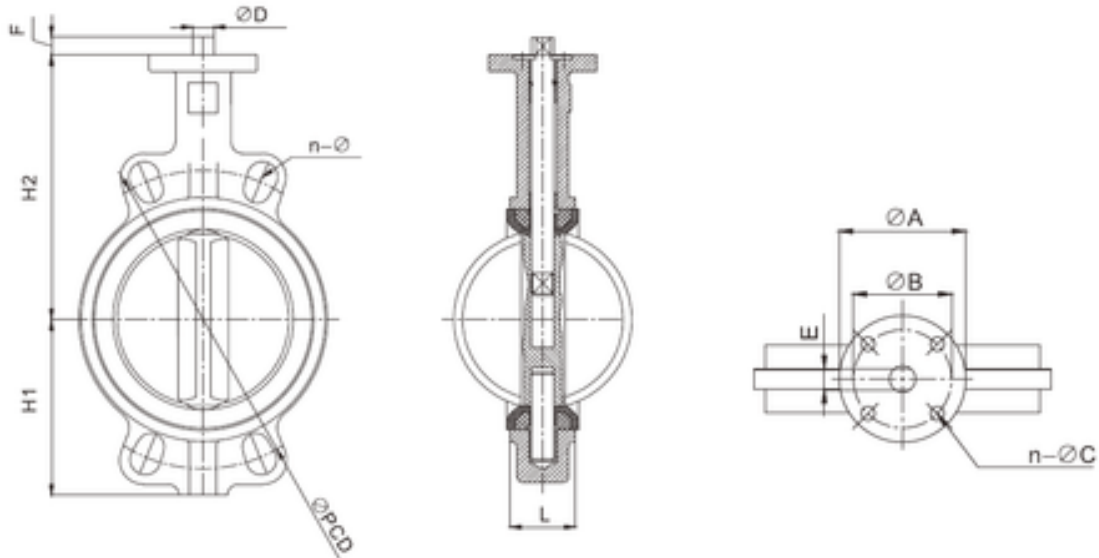
Hydraulic Test:  
Test Standard: BS/ISO/GB  
Seat : 1.1 X PN  
Body : 1.5 X PN

BUTTERFLY VALVE

# Alpine Wafer Lugged Butterfly Valve

SECTION Technical drawing 2 of 2 REF EFC-376

## WB-Wafer Butterfly Valve



SIZE DN	H1	H2	ØA	ØB	n-ØC	ØD	E	L	PCD	F
DN50	63	131	Ø65	Ø50	4-Ø8	Ø12.6	9	42	125	12
DN65	86.5	145.5	Ø65	Ø50	4-Ø8	Ø12.6	9	45	145	12
DN80	93	150	Ø65	Ø50	4-Ø8	Ø12.6	9	46	160	12
DN100	109	172	Ø90	Ø70	4-Ø10	Ø15.77	11	52	180	14
DN125	128	182	Ø90	Ø70	4-Ø10	Ø18.92	14	56	210	17
DN150	146	201	Ø90	Ø70	4-Ø10	Ø18.92	14	56	240	17
DN200	176	229	Ø125	Ø102	4-Ø12	Ø22.1	17	60	295	22
DN250	213	271	Ø125	Ø102	4-Ø12	Ø28.45	22	68	350	22
DN300	242	302	Ø125	Ø102	4-Ø12	Ø31.6	24	78	400	22

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Alpine Wafer Lugged Butterfly Valve

SECTION Dimensions per size REF EFC-376

SIZE	H1	H2	A	B	D	E	L	PCD	F
DN50	63	131	65	50	12.6	9	42	125	12
DN65	86.5	145.5	65	50	12.6	9	45	145	12
DN80	93	150	65	50	12.6	9	46	160	12
DN100	109	172	90	70	15.77	11	52	180	14
DN125	128	182	90	70	18.92	14	56	210	17
DN150	146	201	90	70	18.92	14	56	240	17
DN200	176	229	125	102	22.1	17	60	295	22
DN250	213	271	125	102	28.45	22	68	350	22
DN300	242	302	125	102	31.6	24	78	400	22

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

BUTTERFLY VALVE

# API Butterfly Valve (Lug Type) Cast Steel

REF **EFC-430** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>NPS 6" to NPS 36"</b>
Pressure	<b>Class 150 to Class 300</b>
End connection	<b>lug (ASME B16.5 / ASME B16.47) / lug (ASME B16.5 / ASME B16.47)</b>
Face-to-face	<b>ASME B16.10</b>

## ACTUATION

- worm gear actuator

## STANDARDS

Design	<b>API 609</b>
Test	<b>API 598</b>

## MATERIALS

Body	<b>A216 WCB, A351 CF8, A351 CF8M</b>	Disc	<b>A216 WCB, A351 CF8, A351 CF8M</b>
Stem	<b>A182 F6, A182 F304, A182 F316</b>	Bushing	<b>S.S</b>
Snap ring	<b>SS304</b>	Sealing shim	<b>GRAPHITE</b>
Lower gap	<b>CARBON STEEL, SS304, SS316</b>	Sealing ring	<b>SS304+GRAPHITE, SS316+GRAPHITE</b>
Compression plate	<b>A182 F6, SS304, SS316</b>	Packing	<b>GRAPHITE</b>
Flange gland	<b>A216 WCB, A351 CF8</b>	Bolt	<b>A193 B7, A320 B8</b>
Nut	<b>A194 2H, A194 8</b>		

## FEATURES

- Lug-type body for in-line maintenance without system shut-down
- Graphite packing and sealing shim
- Composite sealing ring (stainless steel + graphite)
- Available in WCB, CF8, CF3, CF3M, CF8M, CF8C body materials



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# API Butterfly Valve (Lug Type) Cast Steel

SECTION Dimensions per size REF EFC-430

SIZE	L150LB	D1150LB	D2	H1	H2	150LB N	150LB300LB	D1300LB	D2	300LB N	300LB
							DO				DO
NPS 6"	59	241.5	216	500	210	8 in	290	270	216	12 in	290
NPS 8"	73	298.5	270	565	240	8 in	290	330	270	12 in	320
NPS 10"	83	362	324	620	275	12 in	290	387.5	324	16 in	320
NPS 12"	92	432	381	665	310	12 in	320	451	381	16 in	380
NPS 14"	117	476.5	413	700	350	12 in	320	514.5	413	20 in	380
NPS 16"	133	540	470	820	380	16 in	380	571.5	470	20 in	380
NPS 18"	149	578	533	850	415	16 in	380	628.5	533	24 in	380
NPS 20"	159	635	584	930	450	20 in	380	686	584	24 in	380
NPS 24"	181	749.5	692	1005	525	20 in	380	813	692	24 in	380
NPS 28"	165	863.5	800	965	485	28 in	380	—	—	—	—
NPS 30"	165	914.5	857	995	510	28 in	380	—	—	—	—
NPS 32"	190	978	914	1045	545	28 in	380	—	—	—	—
NPS 36"	203	1086	1022	1170	610	32 in	480	—	—	—	—

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Butterfly Valve (Flange Type)

REF **EFC-431** ISSUED 08 Jul 2026

## SPECIFICATIONS

End connection **flanged**

## STANDARDS

Design **API, DIN**



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-431** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

BUTTERFLY VALVE

# Wafer Butterfly Valve

REF **EFC-459** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>NPS 3" to NPS 12"</b>
Pressure	<b>200 PSI</b>
End connection	<b>wafer</b>

## ACTUATION

- Manual lever — ten-position throttling
- Pneumatic actuator — ISO 5211
- Electric actuator — ISO 5211



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>Ductile Iron</b>	Disc	<b>Ductile Iron (Nickel Plated), Ductile Iron (Nylon Coated), Aluminium Bronze, SS316, Hastelloy C</b>
Seat	<b>EPDM, NBR, CSM, PTFE, FKM</b>	Stem	<b>410 SS</b>
O ring	<b>NBR, FKM</b>	Retainer ring	<b>Steel</b>

**PARTS LIST**

Ref	Component	Material	Qty
1	Body	Ductile Iron	1
2	Disc	Ductile Iron (Nickel Plated), Ductile Iron (Nylon Coated), Aluminium Bronze, SS316, Hastelloy C	1
3	Seat	NBR, EPDM, CSM, PTFE, FKM	1
4	Upper Stem	410 Stainless Steel	1
5	Lower Stem	410 Stainless Steel	1
6	O-Ring	NBR, FKM	2
7	Retainer Ring	Steel	2

**FEATURES**

- Ten-position lever handle for precise throttling
- One-piece phenolic-backed controlled-torque elastomer seat for tight shut-off
- Split-stem design self-centres the disc around the seat
- External grease fitting for long-term effortless operation
- Gear, pneumatic or electric actuation available
- ATEX (Ex) version available; certification to be confirmed for this build

**ACTUATION TORQUE**

Size	200 PSI (13.8 bar)		50 PSI (3.4 bar)	
	N·m	in·lb	N·m	in·lb
NPS 3" / DN80	34	300	22	195
NPS 4" / DN100	51	450	31	270
NPS 6" / DN150	102	900	62	550
NPS 8" / DN200	169	1500	113	1000
NPS 10" / DN250	301	2660	203	1800
NPS 12" / DN300	508	4500	395	3500

*Wet opening torque, indicative. Size the actuator with margin and confirm at quotation. Source values in in·lb shown for reference.*

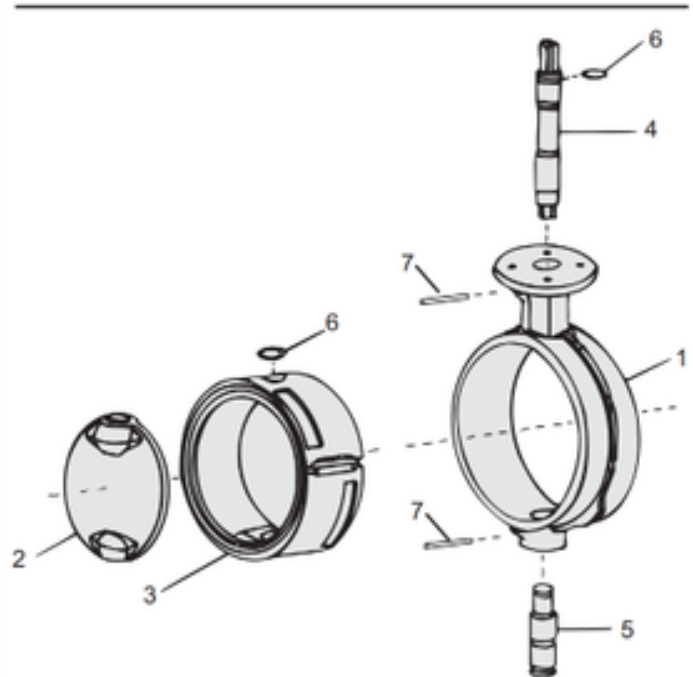
Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Wafer Butterfly Valve

SECTION Technical drawing 1 of 2 REF EFC-459

REF. NO.	COMPONENT DESCRIPTION	MATERIALS AVAILABLE	NO. REQ.
1	Body	Ductile Iron	1
2	Disc	Aluminum Bronze Ductile Iron, Nylon Coated, Stainless Steel, Hastalloy C	1
3	Seat	Buna N, EPDM, Hypalon, Teflon, Viton	1
4	Upper Stem	410 Stainless Steel	1
5	Lower Stem	410 Stainless Steel	1
6	O-Ring	Buna N, Viton	2
7	Retainer Ring	Steel	2

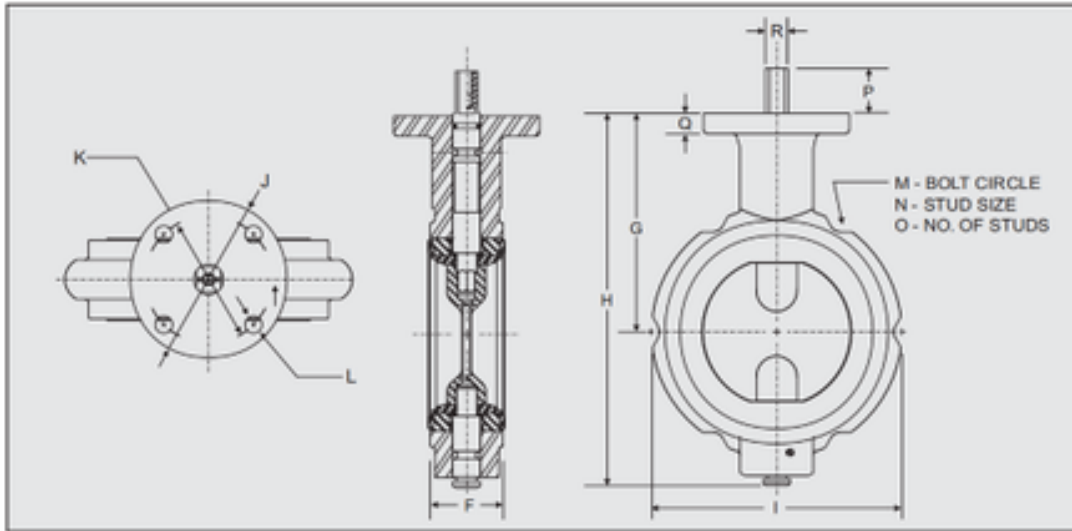


Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BUTTERFLY VALVE

# Wafer Butterfly Valve

SECTION Technical drawing 2 of 2 REF EFC-459



### DIMENSIONS (Dimensions in Inches)

VALVE SIZE	F	G	H	I	J	K	L	M	N	O	P	Q	R
3"	1.86	4.88	8.19	5.38	4.00	3.25	0.408	4.91	3/8	6.00	1.00	0.44	0.51
4"	2.11	6.00	9.88	6.88	4.00	3.25	0.408	7.03	1/2	6.00	1.00	0.44	0.63
5"	2.14	6.00	11.10	8.10	4.00	3.25	0.408	8.44	1/2	8.00	1.00	0.55	0.62
6"	2.20	6.50	11.75	8.75	4.00	3.25	0.408	9.16	1/2	8.00	1.25	0.44	0.75
8"	2.40	8.20	14.50	11.00	6.00	5.00	0.533	11.72	5/8	8.00	1.70	0.65	0.87
10"	2.65	9.97	18.00	13.38	6.00	5.00	0.533	13.72	5/8	8.00	1.80	0.56	1.14
12"	3.24	10.91	20.41	16.12	6.00	5.00	0.533	16.62	1/2	12.00	1.38	0.56	1.26

## Wafer Butterfly Valve

Dimensions per size · EFC-459

Dimension	NPS 3" / DN80	NPS 4" / DN100	NPS 5" / DN125	NPS 6" / DN150	NPS 8" / DN200	NPS 10" / DN250	NPS 12" / DN300
Face-to-face (inch)	1.86	2.11	2.14	2.2	2.4	2.65	3.24
Centreline to mounting face (inch)	4.88	6	6	6.5	8.2	9.97	10.91
Overall height (inch)	8.19	9.88	11.1	11.75	14.5	18	20.41
Body diameter/width (inch)	5.38	6.88	8.1	8.75	11	13.38	16.12
Top mounting PCD (inch)	4	4	4	4	6	6	6
Top mounting bolt centres (inch)	3.25	3.25	3.25	3.25	5	5	5
Mounting hole diameter (inch)	0.408	0.408	0.408	0.408	0.533	0.533	0.533
Flange bolt circle (inch)	4.91	7.03	8.44	9.16	11.72	13.72	16.62
Stud size (inch)	3/8	1/2	1/2	1/2	5/8	5/8	1/2
Number of studs	6	6	8	8	8	8	12
Mounting flange thickness (inch)	1	1	1	1.25	1.7	1.8	1.38
Stem projection (inch)	0.44	0.44	0.55	0.44	0.65	0.56	0.56
Stem diameter (inch)	0.51	0.63	0.62	0.75	0.87	1.14	1.26

*Values are nominal; tolerances confirmed at quote.*

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Wafer Butterfly Valve

Material selection · EFC-459

### DISC MATERIAL SELECTION

Medium	Ductile Iron (Nickel Plated)	Ductile Iron (Nylon Coated)	Aluminium Bronze	SS316	Hastelloy C
Acetic Acid	N	G	N	E	E
Brine (Liquid)	N	E	G	E	N
Carbon Dioxide (Wet)	N	E	N	E	N
Diesel Fuel	E	E	E	E	E
Cement (Dry)	N	N	E	N	N
Cement (Slurry)	N	N	E	N	N
Drilling Mud	N	N	E	N	N
Gel Water	N	N	E	N	N
Hydrofluoric Acid	N	G	N	N	E
Hydrochloric Acid	N	G	N	N	E
Sea Mud	N	N	E	N	N
Xylene	G	E	E	E	E

E = Excellent · G = Good · N = Not recommended

**SEAT MATERIAL SELECTION**

Medium	EPDM	NBR	FKM	PTFE
Acetic Acid	N	N	N	E
Brine (Liquid)	E	E	E	E
Carbon Dioxide (Wet)	E	G	E	E
Diesel Fuel	N	E	E	E
Cement (Dry)	G	G	G	N
Cement (Slurry)	G	G	G	N
Drilling Mud	N	G	G	N
Gel Water	N	N	E	N
Hydrofluoric Acid	G	N	G	E
Hydrochloric Acid	E	N	G	E
Sea Mud	N	N	G	N
Xylene	E	E	E	E

E = Excellent · G = Good · N = Not recommended

*Indicative material suitability. Confirm final selection for the service medium at quotation.*

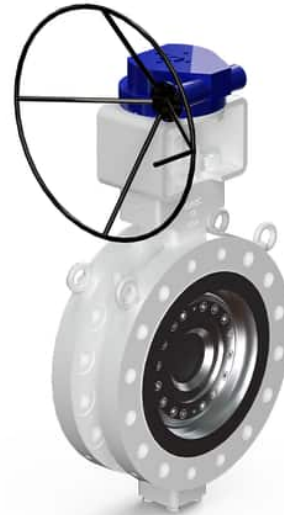
BUTTERFLY VALVE

# Triple Eccentric Butterfly Valve

REF **EFC-474** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1600</b>
Pressure	<b>Class 150 / PN10 to Class 1500 / PN250</b>
End connection	<b>flanged (double flange) (ASME B16.5 / ASME B16.47 / EN 1092 / GOST 33259 / GB/T 9124) / lug / butt weld (ASME B16.25 / EN 12627) / socket</b>
Face-to-face	<b>API 609, ISO 5752, EN 558</b>
Temperature	<b>-46°C to 538°C</b>
Media	<b>water, steam, oil, gas, corrosive media</b>



## ACTUATION

- manual
- pneumatic
- electric

## STANDARDS

Design	<b>ASME B16.34, API 609, EN 593</b>
Test	<b>API 598, ISO 5208, EN 12266-1, GOST 9544</b>

## COATINGS & LINING

- Seat sealing surface coated with temperature and corrosion-resistant material

## APPLICATIONS

- Water supply and drainage pipelines
- Gas pipelines
- Food industry
- Pharmaceutical industry
- Chemical industry
- Petroleum industry

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

- Electric power industry
- Light textile industry
- Paper making industry

## MATERIALS

---

Body	<b>Carbon Steel, Stainless Steel, Alloy Steel</b>	Seat sealing surface	<b>Temperature and corrosion-resistant coating</b>
------	---	----------------------	--

---

## FEATURES

- Triple eccentric structural design: shaft axis offset from disc centre and body centre; seat rotation axis angled to body channel axis
- Metal-to-metal hard sealing via conical sealing surfaces (external inclined conical disc periphery mating internal inclined conical seat), forming elliptical contact
- Pressure-energised sealing: sealing force increases as differential pressure increases
- Disc detaches from seat during opening, eliminating sliding contact friction and reducing operating torque
- Integral body and seat construction
- Multi-layer sealing rings on valve plate for enhanced sealing performance
- Suitable for high-temperature and high-pressure service
- Flow regulation capability: flow area increases progressively with disc rotation
- Zero-leakage sealing performance
- Compact and lightweight construction
- Size range NPS 2" - 64" (DN 50-1600)
- Pressure rating Class 150-1500 / PN 10-250
- Operating temperature range -46 °C to 538 °C

## OPTIONS & NOTES

- Operator options listed as 'Manual, Pneumatic, Electric, etc...' — further options available on request
- Connection forms listed include 'socket type, etc.' — additional connection forms may be available

BUTTERFLY VALVE

# Double Eccentric Butterfly Valve

REF **EFC-475** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1600</b>
Pressure	<b>PN10 / Class 150 to PN100 / Class 600</b>
End connection	<b>flanged (ASME B16.5) / flanged (ASME B16.47) / flanged (EN 1092) / flanged (GOST 33259) / flanged (GB/T 9124)</b>
Face-to-face	<b>API 609, ISO 5752, EN 558</b>
Temperature	<b>-46°C to 200°C</b>
Media	<b>water, gas, food industry fluids, pharmaceutical fluids, chemical fluids, petroleum fluids, power industry fluids, light textile industry fluids, paper-making industry fluids</b>



## ACTUATION

- manual
- pneumatic
- electric

## STANDARDS

Design	<b>ASME B16.34, API 609, EN 593</b>
Test	<b>API 598, ISO 5208, EN 12266-1, GOST 9544</b>

## APPLICATIONS

- Water supply and drainage pipelines
- Gas pipelines
- Food industry
- Pharmaceutical industry
- Chemical industry
- Petroleum industry
- Electric power industry
- Light textile industry

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

- Paper-making industry

## MATERIALS

---

Body **Carbon Steel, Stainless Steel, Alloy Steel**

---

## FEATURES

---

- Single elastic valve seat sealing structure achieves dynamic sealing through system pressure
- Bidirectional leak-free sealing capability
- Lip-edge sealing design compensates for temperature and pressure changes
- Double eccentric disc design eliminates contact between valve seat and disc during opening and closing, removing wear at upper and lower seat ends during frequent operation
- Reduced operating torque due to double eccentric structure
- Shaft fly-prevention step at top prevents upper shaft from exiting the valve cover in case of accident
- Valve seat replaceable by removing pressure plate only, without disassembling disc and shaft
- Combines flow shut-off and control functions
- Flow characteristic curve follows geometric ratio change
- Wide adjustment range; tight seal maintained during control operation
- Sealing achieved without additional sealing rings or metal components
- Spherical arc sealing surface on valve disc
- Small volume and light weight
- Wide manufacturing size range

## OPTIONS & NOTES

---

- Operator options listed as: Manual, Pneumatic, Electric, etc.

BUTTERFLY VALVE

# Concentric Butterfly Valve

REF **EFC-476** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1600</b>
Pressure	<b>PN25 / Class 75 to PN25 / Class 150</b>
End connection	<b>flanged (ASME B16.5 / ASME B16.47) / flanged (EN 1092) / flanged (GOST 33259) / flanged (GB/T 9124 / GB/T 17241.6)</b>
Face-to-face	<b>ASME B16.10, GB/T 12221, EN 558</b>
Temperature	<b>-46°C to 120°C</b>
Media	<b>Water (supply and drainage), Gas, Petroleum products, Chemical media, Food-grade media, Pharmaceutical media, Desulphurisation media, Seawater (desalination), Vacuum service</b>



## ACTUATION

- Manual
- Pneumatic
- Electric

## STANDARDS

Design	<b>API 609, GB/T 37621, GB/T 12238</b>
Test	<b>API 598, GB/T 13927, GOST 9544, EN 12266-1</b>

## APPLICATIONS

- Petroleum
- Chemical industry
- Metallurgy
- Hydropower
- Water supply and drainage
- Gas pipelines
- Food processing
- Pharmaceutical industry

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

- Electric power
- Light textile
- Paper making
- Desulphurisation systems
- Seawater desalination systems
- Vacuum systems

## MATERIALS

---

Body	<b>Cast Iron, Carbon Steel, Stainless Steel, Alloy Steel</b>
------	--

---

## FEATURES

---

- Coaxial stem, disc, and body construction providing balanced opening and closing torque
- Bi-directional sealing with zero leakage
- Replaceable sealing components
- Flow characteristic approximates linear; suitable for flow regulation
- Sealing materials resistant to ageing and mild corrosion
- Suitable for installation in any orientation
- Low operating torque
- Simple construction

## OPTIONS & NOTES

---

- Operator options listed as 'Manual, Pneumatic, Electric, etc...' — additional actuator types available on enquiry

BUTTERFLY VALVE

# Ventilation Butterfly Valve

REF **EFC-477** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN100 to DN6000</b>
Pressure	<b>PN6</b>
End connection	<b>flanged (ASME B16.5) / flanged (ASME B16.47) / flanged (GB/T9124) / butt weld (ASME B16.25) / butt weld (GB/T12224)</b>
Face-to-face	<b>ASME B16.10, GB/T12221</b>
Temperature	<b>0°C to 600°C</b>
Media	<b>air, gas, dusty cold air, dusty hot air</b>

## ACTUATION

- manual
- pneumatic
- electric

## STANDARDS

Design	<b>API 609, ASME B16.34, JB/T8692</b>
Test	<b>API 598, GB/T13927</b>

## APPLICATIONS

- Industrial ventilation systems
- Gas transportation systems
- Dust removal systems
- Power plant ventilation
- Metallurgical ventilation
- Chemical engineering ventilation
- Building materials industry ventilation
- Glass industry ventilation
- Environmental protection projects



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

---

Body	<b>Carbon Steel, Stainless Steel, Alloy Steel</b>	Stem and disc	<b>Carbon Steel, Stainless Steel</b>
------	---	---------------	--------------------------------------

---

## FEATURES

---

- Centreline or eccentric structure providing low pressure drop and high flow capacity
- Multi-level sealing system rated to 300 °C with dust prevention capability
- Integrally forged valve stem and butterfly plate for high strength and extended service life
- Low-torque sealing structure enabling efficient regulation of large gas flows
- Wear-resistant sealing rings suitable for high-temperature and dusty conditions
- Compact structure with simple maintenance
- Suitable for both flow regulation and shut-off duty in ventilation ducts
- Size range DN100 to DN6000 (NPS 4 to NPS 240)

## OPTIONS & NOTES

---

- Etc. listed after main materials, suggesting additional material options available on request

BALL VALVE

# Full Welded Ball Valve

REF **EFC-1** ISSUED 08 Jul 2026

## SPECIFICATIONS

---



## FEATURES

---

- Extended stem / buried service ball valve design
- Yellow epoxy-coated body
- Full bore bore visible
- Gear operator or actuator mounting at top of extended stem
- Flanged end connections
- Base/anchor plate for buried installation

---

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# API Floating Ball Valve

REF **EFC-9** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>NPS 2" to NPS 12"</b>
Pressure	<b>Class 150 to Class 2500</b>
End connection	<b>flanged (ASME B16.5) / flanged (ASME B16.47)</b>
Face-to-face	<b>ASME B16.10</b>

## ACTUATION

- manual lever — A216 WCB handle with orientation board and backstop

## STANDARDS

Design	<b>API 6D, ASME B16.34</b>
Test	<b>API 598</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	ASTM A216 WCB, ASTM A351 CF8, ASTM A351 CF8M	Bonnet	ASTM A216 WCB, ASTM A351 CF8, ASTM A351 CF8M
Seat	PTFE	Ball	A182 F6, A105+ENP, A182 F304, A182 F316
Gasket	GRAPHITE+SS304, GRAPHITE+SS316	Nut	ASTM A194 2H, ASTM A194 8
Stud	ASTM A193 B7, ASTM A193 B8	Stem	A276 410, A182 F304, A182 F316
Thrust gasket	PTFE	Packing	Graphite, PTFE
Sleeve	A182 F6, A182 F304, A182 F316	Press board	ASTM A216 WCB, ASTM A351 CF8, ASTM A351 CF8M
Orientation board	A3+Zn	Backstop	65Mn
Handle	A216 WCB	Inside hex bolt	ASTM A193 B7, ASTM A193 B8
Name plate	SS	Rivet	AL
Spring	304, 316	Steel ball	304, 316
Disc	A182 F6, A105+ENP, A182 F304, A182 F316		

**FEATURES**

- Floating ball design
- PTFE seats
- Graphite/PTFE packing
- Firesafe construction conforming to API 607
- Anti-static spring and steel ball
- Stem with thrust gasket

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# API Floating Ball Valve

SECTION Dimensions per size REF EFC-9

SIZE	D	D	D1	D2	B	FN_BOLT_CIR- CLE	L	H
NPS 2" (150LB)	51	152	120.5	92	16	1.6 4-ø19	178	143
NPS 3" (150LB)	76	190	152.5	127	19	1.6 4-ø19	203	194
NPS 4" (150LB)	102	229	190.5	157	24	1.6 8-ø19	229	233
NPS 6" (150LB)	152	279	241.5	216	26	1.6 8-ø22	394	297
NPS 8" (150LB)	203	343	298.5	270	29	1.6 8-ø22	457	580
NPS 10" (150LB)	254	406	362	324	31	1.6 12-ø25	533	625
NPS 12" (150LB)	305	483	432	381	32	1.6 12-ø25	610	800
NPS 2" (300LB)	51	165	127	92	23	1.6 8-ø19	216	143
NPS 3" (300LB)	76	210	168.5	127	29	1.6 8-ø22	283	194
NPS 4" (300LB)	102	254	200	157	32	1.6 8-ø22	305	233
NPS 6" (300LB)	152	318	270	216	37	1.6 12-ø22	403	297
NPS 8" (300LB)	203	381	330	270	42	1.6 12-ø25	502	580
NPS 10" (300LB)	254	445	387.5	324	48	1.6 16-ø29	568	625

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Forged Ball Valve

REF **EFC-10** ISSUED 08 Jul 2026

## SPECIFICATIONS

---



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-10** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

BALL VALVE

# API Forged Ball Valve

REF **EFC-11** ISSUED 08 Jul 2026

## SPECIFICATIONS

---

## STANDARDS

---

Design	<b>API</b>
--------	------------

---



## FEATURES

---

- Trunnion-mounted ball valve design visible in product photo
- Flanged end connections visible on both valves shown
- Electric actuator fitted to smaller valve unit
- Three-piece body construction visible on larger valve
- Bolted body construction with multiple body bolts visible

---

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Forged Steel Floating Ball Valve

REF **EFC-20** ISSUED 08 Jul 2026

## SPECIFICATIONS

---

## STANDARDS

---

Design **API, ISO**

---

## COATINGS & LINING

---

- ENP (Electroless Nickel Plate)
- HCr (Hard Chrome)



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-20** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

**MATERIALS**

Body	A105, F304, F304L, F316, F316L, LF2, LF1	Ball	A105+ENP, HCr, F304+HCr, F304L+HCr, F316+HCr, F316L+HCr
Stem	A105+ENP, A182 F6a, 4140+ENP, F304, F304L, F316, F316L	Seat	PTFE, RPTFE, NYLON, PPL, PEEK, EPDM, VITON, DEVLON
Packing	PTFE, PPL, GRAPHITE	Gasket	PTFE, PPL, GRAPHITE
Stud	A193-B7, A193-B7M, A193-B8, A193-B8M, A320-L7, A320-L7M	Nut	A194-2H, A194-2HM, A194-8, A194-8M, A194-7, A194-7M
Disc	A105+ENP, HCr, F304+HCr, F304L+HCr, F316+HCr, F316L+HCr		

**FEATURES**

- Corrosion-resistant construction with pressure-bearing capacity
- Automatic seat tightness adjustment
- Suitable for high-temperature and high-pressure service
- Suitable for strongly corrosive conditions
- Complies with API, CE, and ISO related standards
- Body markings indicate Class 600 pressure rating
- Body material marking: F304 (ASTM A182 Grade F304 stainless steel)
- Flanged end connections visible
- Trunnion-mounted ball valve design
- Stem extension with mounting pad visible at top
- Split body / three-piece body construction

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**BALL VALVE**

# Fully Welded Ball Valve

REF **EFC-23** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>2" to 48"</b>
Pressure	<b>Class 150 to Class 2500</b>
End connection	<b>butt weld (ASME B16.25) / socket weld (ASME B16.11)</b>
Temperature	<b>-196°C to 540°C</b>
Media	<b>petroleum, natural gas, chemicals, petrochemicals</b>

## ACTUATION

- manual
- pneumatic
- electric
- gas-liquid interaction

## STANDARDS

Design	<b>API 6D, API 608, ASME B16.34, ISO 17292, BS5351</b>
Test	<b>API 598, API 6D, BS12569</b>

## APPLICATIONS

- Petroleum
- Natural gas
- Chemical
- Petrochemical
- Power plant
- Metallurgy
- Papermaking



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

---

Body	<b>A105, LF2, F316, F11, F304</b>	Seat	<b>PTFE (carbon-strengthened)</b>
Stem	<b>O-ring sealed (dual O-rings)</b>		

---

**FEATURES**

- 
- Integral welded body formed from seamless steel pipe; suitable for service with impurities and chemicals
  - Compact and lightweight construction; extension stem available for insulation and installation convenience
  - Carbon-strengthened PTFE inclined elastic sealing ring with negative pressure on spherical surface; zero leakage
  - Dual O-ring stem seal allowing free rotation with tight sealing
  - Performance: DN700, PN25 visible on valve body

**OPTIONS & NOTES**

- 
- Gas-liquid interaction actuation listed as 'etc.' implying additional options may be available on request

**BALL VALVE**

# 1pc female thread ball valve

REF **EFC-34** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>1/4" to 4"</b>
Pressure	<b>150 WOG to 1000 WOG</b>
End connection	<b>threaded (NPT) / threaded (BSPT) / threaded (BSPP)</b>
Temperature	<b>-20°C to 255°C</b>
Media	<b>oil, gas, water, acid liquid</b>

## ACTUATION

- manual lever — Long handle or butterfly handle

## STANDARDS

Design	<b>ANSI, ASME, DIN, GB</b>
--------	----------------------------

## APPLICATIONS

- shutoff applications
- oil
- gas
- water
- acid liquid service
- vacuum systems



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CF8, CF8M, WCB</b>	Ball seat	<b>PTFE, RPTFE, VITON, PPL</b>
Ball	<b>SS201, SS304, SS316</b>	Body gasket	<b>PTFE</b>
Cap	<b>CF8, CF8M, WCB</b>	Stem	<b>SS201, SS304, SS316</b>
Thrust washer	<b>PTFE</b>	Stem packing	<b>PTFE</b>
Gland nut	<b>SS304</b>	Handle	<b>SS201</b>
Spring washer	<b>SS304</b>	Nut	<b>SS304</b>
Locking device	<b>SS201</b>	Handle cover	<b>Plastic</b>
Disc	<b>SS201, SS304, SS316</b>	Seat	<b>PTFE, RPTFE, VITON, PPL</b>

**FEATURES**

- 1-piece body design
- Reduce port ball valve
- Quarter-turn operation (90° rotation from full open to full closed)
- Lock device included
- Low torque operation
- 100% factory test before dispatch
- Thread type options: NPT, BSPT, BSPP
- Handle options: long handle, butterfly handle
- Sealing surface isolated from medium when fully open or fully closed
- 1-piece body construction (threaded end connections, BSP/NPT female threads visible)
- Blue lever handle variant with lockable locking tab
- Blue butterfly/wing handle variant
- Full bore ball valve design
- Stainless steel body with cast/forged one-piece construction
- Internal female threaded ports both ends
- Stem packing gland nut visible on top of body

**OPTIONS & NOTES**

- MOQ: 20 pcs
- Sample available: Yes, sample is free
- Manufacturing standard can be ANSI, ASME, DIN, GB and Europe standard
- Non-standard products available as per customers' drawing and samples

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**BALL VALVE**

# 2pc female thread ball valve

REF **EFC-35** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>1/4" to 4"</b>
Pressure	<b>150 WOG to 1000 WOG</b>
End connection	<b>threaded (NPT) / threaded (BSPT) / threaded (BSPP)</b>
Temperature	<b>-20°C to 255°C</b>
Media	<b>oil, gas, water, acid liquid</b>

## ACTUATION

- manual lever — Long handle or butterfly handle — ISO mounting pad

## STANDARDS

Design	<b>ANSI, ASME, DIN, GB</b>
--------	----------------------------

## APPLICATIONS

- Shutoff applications
- Oil systems
- Gas systems
- Water systems
- Acid liquid systems
- Vacuum systems



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

Body	<b>CF8, CF8M, WCB</b>	Ball seat	<b>PTFE, RPTFE, VITON, PPL</b>
Ball	<b>SS201, SS304, SS316</b>	Body gasket	<b>PTFE</b>
Cap	<b>CF8, CF8M, WCB</b>	Stem	<b>SS201, SS304, SS316</b>
Thrust washer	<b>PTFE</b>	Stem packing	<b>PTFE</b>
Gland nut	<b>SS304</b>	Handle	<b>SS201</b>
Spring washer	<b>SS304</b>	Nut	<b>SS304</b>
Locking device	<b>SS201</b>	Handle cover	<b>Plastic</b>
Disc	<b>SS201, SS304, SS316</b>	Seat	<b>PTFE, RPTFE, VITON, PPL</b>

## FEATURES

- 2-piece body design
- Full port bore
- Quarter-turn (90°) operation
- Low torque operation
- ISO mounting pad included
- Lock device included
- 100% factory test prior to despatch
- Thread options: NPT, BSPT, BSPP
- Handle options: long handle or butterfly handle
- Floating ball design
- 2-piece threaded (BSP/NPT) ball valve with lever handle
- 2-piece threaded ball valve with butterfly handle
- 2-piece threaded ball valve with ISO 5211 direct-mount actuator pad (square top flange)
- Lever handle finish: blue-coated steel
- Butterfly handle finish: blue plastic-tipped stainless steel
- Stem locking/anti-blow-out nut visible on all variants
- Full-bore port configuration indicated by body proportions
- Performance: Pressure rating: 1000 WOG (visible cast marking on valve body, images 3, 5, 8, 10)

## OPTIONS & NOTES

- MOQ: 20 pcs
- Sample available: Yes, sample is free
- Non-standard products available as per customers' drawing and samples
- Manufacturing standard can be ANSI, ASME, DIN, GB and Europe standard

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**BALL VALVE**

# 3 way female thread ball valve

REF **EFC-36** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>1/4" to 4"</b>
Pressure	<b>150 WOG to 1000 WOG</b>
End connection	<b>threaded (NPT) / threaded (BSPT) / threaded (BSPP)</b>
Temperature	<b>-20°C to 255°C</b>
Media	<b>oil, gas, water, acid liquid</b>

## ACTUATION

- manual lever — Long handle option available — ISO mounting pad

## STANDARDS

Design	<b>ANSI, ASME, DIN, GB</b>
--------	----------------------------



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CF8, CF8M, WCB</b>	Ball seat	<b>PTFE, RPTFE, VITON, PPL</b>
Ball	<b>SS201, SS304, SS316</b>	Body gasket	<b>PTFE</b>
Cap	<b>CF8, CF8M, WCB</b>	Stem	<b>SS201, SS304, SS316</b>
Thrust washer	<b>PTFE</b>	Stem packing	<b>PTFE</b>
Gland nut	<b>SS304</b>	Handle	<b>SS201</b>
Spring washer	<b>SS304</b>	Nut	<b>SS304</b>
Locking device	<b>SS201</b>	Handle cover	<b>Plastic</b>
Disc	<b>SS201, SS304, SS316</b>	Seat	<b>PTFE, RPTFE, VITON, PPL</b>

**FEATURES**

- T-port or L-port flow path design
- Quarter-turn operation (90° rotation from full open to full close)
- ISO mounting pad included
- Locking device included
- 100% factory test prior to dispatch
- Low operating torque
- Visual status indication via handle orientation
- 3-way ball valve with T-port or L-port configuration
- Screwed (BSP/NPT) end connections on all three ports
- Blue lever handle with lockable position plate
- ISO 5211 direct-mount actuator pad visible on top (image index 5 and 10)
- Open/close direction arrows marked on handle plate (red arrows visible in image index 3)
- Stem retaining nut and anti-blowout stem design visible

**OPTIONS & NOTES**

- MOQ: 20 pcs
- Sample available: Yes, sample is free
- Thread can be made to NPT, BSPT, BSPP and so on, which can meet different countries' standard
- Manufacturing standard can be ANSI, ASME, DIN, GB and Europe standard
- The handle can be made to long handle

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**BALL VALVE**

# 3pc female thread ball valve

REF **EFC-37** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>1/4" to 4"</b>
Pressure	<b>150 WOG to 1000 WOG</b>
End connection	<b>threaded (NPT) / threaded (BSPT) / threaded (BSPP)</b>
Temperature	<b>-20°C to 255°C</b>
Media	<b>oil, gas, water, acid liquid</b>

## ACTUATION

- manual lever — Long handle or butterfly handle — Direct mount with locking device

## STANDARDS

Design	<b>ANSI, ASME, DIN, GB</b>
--------	----------------------------

## APPLICATIONS

- shutoff applications
- oil systems
- gas systems
- water systems
- acid liquid systems
- vacuum systems



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

Body	<b>CF8, CF8M, WCB</b>	Ball seat	<b>PTFE, RPTFE, VITON, PPL</b>
Ball	<b>SS201, SS304, SS316</b>	Body gasket	<b>PTFE</b>
Cap	<b>CF8, CF8M, WCB</b>	Stem	<b>SS201, SS304, SS316</b>
Thrust washer	<b>PTFE</b>	Stem packing	<b>PTFE</b>
Gland nut	<b>SS304</b>	Handle	<b>SS201</b>
Spring washer	<b>SS304</b>	Nut	<b>SS304</b>
Locking device	<b>SS201</b>	Handle cover	<b>Plastic</b>
Disc	<b>SS201, SS304, SS316</b>	Seat	<b>PTFE, RPTFE, VITON, PPL</b>

## FEATURES

- Three-piece body design allowing disassembly and seal replacement
- Full port bore
- ISO mounting pad
- Locking device included
- Quarter-turn (90°) operation from full open to full closed
- Low torque operation
- 100% factory pressure test before shipment
- Thread options: NPT, BSPT, BSPP
- Handle options: long handle, butterfly handle
- Anti-blowout stem design implied by stem packing arrangement
- 3-piece body construction
- Threaded (BSP/NPT) end connections visible across variants
- Lever operated with lockable handle (locking hole visible on index 4/9 variant)
- ISO 5211 direct-mount actuator pad visible on index 5/10 variant (square top plate)
- Body bolted assembly with through-bolts and nuts
- Full bore ball configuration indicated by body proportions
- Performance: Pressure rating cast on valve body: 1000 WOG (visible on images index 1, 2, 7)

## OPTIONS & NOTES

- MOQ: 20 pcs
- Sample available: Yes, sample is free
- Manufacturing standard can be ANSI, ASME, DIN, GB and Europe standard
- Non-standard products available as per customers' drawing and samples

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Double ferrules instrument ball valve

REF **EFC-40** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>1/8" to 1"</b>
Pressure	<b>1000 psi to 1000 psi</b>
End connection	<b>double ferrule compression</b>
Temperature	<b>-20°C to 255°C</b>
Media	<b>oil, gas, water, acid liquid</b>

## ACTUATION

- manual handle — Plastic handle, quarter-turn operation



**MATERIALS**

Body	<b>SS304, SS316</b>	Ball seat	<b>PTFE, RPTFE, VITON, PPL, PEEK</b>
Ball	<b>SS201, SS304, SS316</b>	Stem	<b>SS201, SS304, SS316</b>
Thrust washer	<b>PTFE</b>	Stem packing	<b>PTFE</b>
Handle	<b>Plastic</b>	Pland nut	<b>SS201, SS304, SS316</b>
Valve body	<b>SS304 stainless steel</b>	Ferrule and nut	<b>stainless steel</b>
Disc	<b>SS201, SS304, SS316</b>	Seat	<b>PTFE, RPTFE, VITON, PPL, PEEK</b>

**FEATURES**

- Full port bore
- Forged construction
- Double ferrule compression connection - no torque transmitted to tubing during installation
- Easy to install, disconnect and retighten
- Quarter-turn operation
- Low fluid resistance
- Flow direction not restricted by installation orientation
- Low noise, low vibration operation
- OEM and ODM customisation available
- Tube compression (twin-ferrule) end connections
- Inline (2-way) ball valve configuration
- Quarter-turn T-bar handle operator
- Separate front ferrule, back ferrule, and nut visible - compression fitting components supplied with valve
- Mixed end configurations available: tube-to-tube compression and tube-to-male-NPT/JIC compression

**OPTIONS & NOTES**

- Specified specification available upon request
- MOQ: 20 pcs
- Sample available: Yes, sample is free
- Payment Term: 30% payment before production, the balance before shipment
- Thread Type available: NPT, BSPT, BSPP

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Female thread hydraulic ball valve

REF **EFC-42** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	1/8" to 2"
Pressure	1000 to 7250
End connection	threaded (NPT) / threaded (BSPT) / threaded (BSPP)
Temperature	-20°C to 255°C
Media	Oil, Gas, Water, Acid liquid

## ACTUATION

- manual lever — Plastic handle, quarter-turn
- hydraulic actuator — For automatic/remote operation

## APPLICATIONS

- Shutoff applications
- Hydraulic systems
- Drilling mud medium environments
- Blowout preventer hydraulic control platforms



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>SS304, SS316, A105, 20# steel, A105 carbon steel</b>	Ball seat	<b>PTFE, RPTFE, VITON, PPL, PEEK</b>
Ball	<b>SS201, SS304, SS316</b>	Stem	<b>SS201, SS304, SS316</b>
Thrust washer	<b>PTFE</b>	Stem packing	<b>PTFE</b>
Handle	<b>Plastic</b>	Disc	<b>SS201, SS304, SS316</b>
Seat	<b>PTFE, RPTFE, VITON, PPL, PEEK</b>		

**FEATURES**

- Floating ball design, quarter-turn operation
- Forged construction
- Reduced port (reduced bore)
- Female threaded end connections (NPT, BSPT, BSPP)
- Maximum working pressure 7250 PSI
- Temperature range -20°C to 255°C
- Multiple seat material options (PTFE, RPTFE, VITON, PPL, PEEK)
- Manual and remote/automatic operation capable
- OEM and ODM customisation available
- High-pressure block-body ball valve (Ø<sub>c</sub> )
- Model designation: BKH
- Size: DN20 / 3/4 NPT
- Pressure rating: PN320 (320 bar)
- Lever (handle) operated
- Three-piece block body construction visible from product photos
- Female NPT threaded end connections both sides
- Performance: Pressure rating PN320 (32 MPa / ~320 bar) - cast on valve body, DN20 (3/4 NPT)
- Performance: Body material: A105 carbon steel - cast on valve body

**OPTIONS & NOTES**

- Specified specification available upon request
- Free sample can be sent to test quality before placing an order
- Sample available: Yes, sample is free
- MOQ: 20 pcs
- Payment Term: 30% payment before production, the balance before shipment
- Customised: OEM, ODM

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Female thread instrument ball valve

REF **EFC-43** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	1/8" to 1"
Pressure	1000 to 6000
End connection	threaded (NPT) / threaded (BSPT) / threaded (BSPP)
Temperature	-20°C to 255°C
Media	oil, gas, water, acid liquid



## ACTUATION

- manual lever — Plastic handle

## APPLICATIONS

- Shutoff applications
- Instrumentation systems

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>SS304, SS316, 316L stainless steel</b>	Ball seat	<b>PTFE, RPTFE, VITON, PPL, PEEK</b>
Ball	<b>SS201, SS304, SS316</b>	Stem	<b>SS201, SS304, SS316</b>
Thrust washer	<b>PTFE</b>	Stem packing	<b>PTFE</b>
Handle	<b>Plastic</b>	Gland nut	<b>SS201, SS304, SS316</b>
Seats	<b>PEEK</b>	Disc	<b>SS201, SS304, SS316</b>
Seat	<b>PTFE, RPTFE, VITON, PPL, PEEK</b>		

**FEATURES**

- Quarter-turn operation
- Full port bore
- Floating ball design
- Forged body construction
- Low fluid resistance
- No torque transmitted to tubing during installation
- Flow direction unrestricted by installation orientation
- Visual open/closed indication via handle position
- Low noise and vibration
- 1/4 NPT female threaded end connections (images 2, 7)
- Butt-weld / plain bore end connections variant visible (images 3, 8)
- Female NPT x female NPT inline configuration (images 1, 6)
- T-bar handle operator in black polymer (images 1, 3, 6, 8)
- T-bar handle operator in grey polymer with locking screw (images 2, 4, 7, 9)
- Square/block body design
- Rated 6000 PSI at 80°C (engraved on body)

**OPTIONS & NOTES**

- Specified specification available upon request
- OEM, ODM customisation available
- MOQ: 20 pcs
- Sample available; sample is free
- Payment Term: 30% payment before production, the balance before shipment

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**BALL VALVE**

# Female thread mini ball valve

REF **EFC-44** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>1/8" to 1"</b>
Pressure	<b>6.4</b>
End connection	<b>threaded (NPT) / threaded (BSPT) / threaded (BSPP)</b>
Temperature	<b>-20°C to 255°C</b>
Media	<b>oil, gas, water, acid liquid</b>



## ACTUATION

- manual lever — Plastic handle; handle lies flat when open, perpendicular when closed — Side-mounted on valve body, independent of flow direction
- pneumatic actuator — Compatible; details on request
- electric actuator — Compatible; details on request

## STANDARDS

Design	<b>ASME B16.34</b>
--------	--------------------

## APPLICATIONS

- Shutoff service
- Oil systems
- Gas systems
- Water systems
- Acid liquid service

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>SS304, SS316</b>	Ball seat	<b>PTFE, RPTFE, VITON, PPL, PEEK</b>
Ball	<b>SS201, SS304, SS316</b>	Stem	<b>SS201, SS304, SS316</b>
Thrust washer	<b>PTFE</b>	Stem packing	<b>PTFE</b>
Handle	<b>Plastic</b>	Gland nut	<b>SS201, SS304, SS316</b>
Disc	<b>SS201, SS304, SS316</b>	Seat	<b>PTFE, RPTFE, VITON, PPL, PEEK</b>

**FEATURES**

- Full port ball valve
- Quarter-turn operation
- Forged construction
- Female threaded both ends
- Floating ball design
- Small operating torque
- Compatible with pneumatic and electric actuators
- Handle level can be installed on side of valve body regardless of flow direction
- Available in one-piece, two-piece, three-piece, and butterfly ball configurations
- Core types available: T type, L type, Direct type
- OEM and ODM customisation available
- Mini ball valve, 3/4", material 316 stainless steel, rated PN63
- Female threaded (BSP/NPT) ends both sides
- Blue handle actuator

**OPTIONS & NOTES**

- Specified specification available upon request
- Free sample can be sent to test quality before placing an order
- Sample available: Yes, sample is free
- MOQ: 20 pcs
- Payment Term: 30% payment before production, balance before shipment
- Customised: OEM, ODM

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Male female thread mini ball valve

REF **EFC-45** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	1/8" to 1"
Pressure	6.4
End connection	threaded (NPT) / threaded (BSPT) / threaded (BSPP)
Temperature	-20°C to 255°C
Media	oil, gas, water, acid liquid

## ACTUATION

- manual lever — Handle level can be installed on the side of the valve body, independent of flow direction
- pneumatic actuator — Compatible with pneumatic actuators
- electric actuator — Compatible with electric actuators

## STANDARDS

Design	ASME B16.34
--------	-------------



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>SS304, SS316</b>	Ball seat	<b>PTFE, RPTFE, VITON, PPL, PEEK</b>
Ball	<b>SS201, SS304, SS316</b>	Stem	<b>SS201, SS304, SS316</b>
Stem packing	<b>PTFE</b>	Handle	<b>Plastic, pull handle</b>
Disc	<b>SS201, SS304, SS316</b>	Seat	<b>PTFE, RPTFE, VITON, PPL, PEEK</b>

**FEATURES**

- Full port bore
- Quarter-turn operation
- Forged construction
- Floating ball design
- Small operating torque
- Compact form factor
- Maintenance-free design
- Available in one-piece, two-piece, three-piece, and butterfly ball type configurations
- Ball cores available in T-type, L-type, and direct type
- PTFE stem packing
- OEM and ODM customisation available
- Mini ball valve, stainless steel body (316 grade), male x female threaded ends, blue lever handle
- Size 1/4" marked on body (image 2), PN63 rated
- 316 stainless steel material marked on body

**OPTIONS & NOTES**

- Specified specification available upon request
- Free sample can be sent to test quality before placing an order
- MOQ: 20 pcs
- Sample available: Yes, sample is free
- Payment Term: 30% payment before production, the balance before shipment
- Customised: OEM, ODM

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Monoblock Wafer Type Ball Valve

REF **EFC-108** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN15 to DN100</b>
Pressure	<b>PN16 (16 bar)</b>
End connection	<b>wafer (EN 1092-1) / wafer (EN 1092-1)</b>

## ACTUATION

- manual lever — SS 201 + PVC lever — ISO 5211
- pneumatic actuator — as shown in product image — ISO 5211
- electric actuator — as shown in product image — ISO 5211



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>WCB, SS 304, SS 316</b>	Gasket	<b>PTFE</b>
Seat	<b>PTFE</b>	Ball	<b>SS 304, SS 316</b>
Bonnet	<b>WCB, SS 304, SS 316</b>	Stem	<b>SS 304, SS 316</b>
Thrust gasket	<b>PTFE</b>	Packing	<b>PTFE</b>
Gland	<b>SS 304</b>	Nut	<b>SS 304</b>
Lock	<b>SS 201</b>	Lever	<b>SS 201 + PVC</b>

**ACTUATION TORQUE**

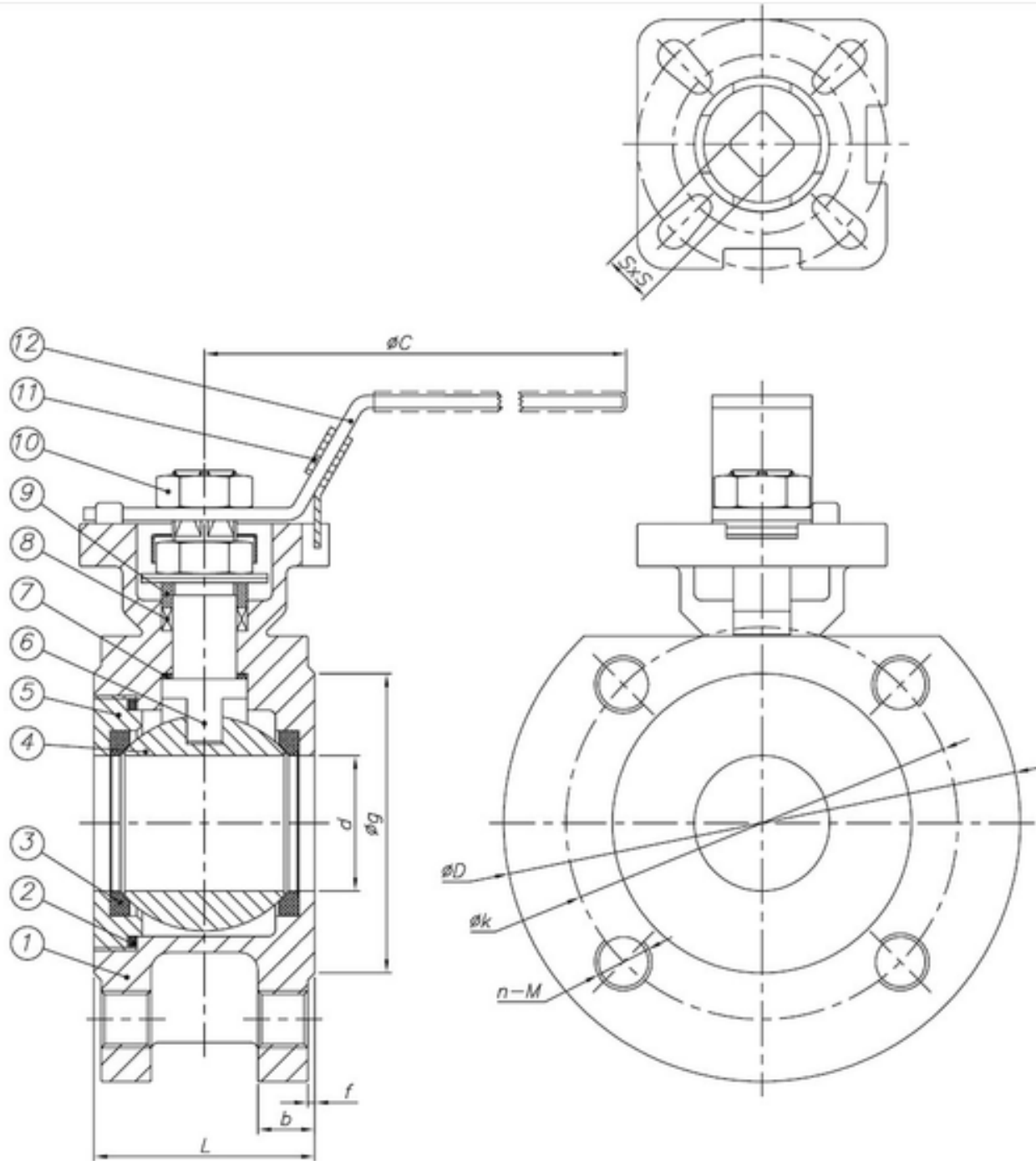
Size
DN15
DN20
DN25
DN32
DN40
DN50
DN65
DN80
DN100

*Wet opening torque, indicative. Size the actuator with margin and confirm at quotation.*

BALL VALVE

# Monoblock Wafer Type Ball Valve

SECTION Technical drawing 1 REF EFC-108



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Monoblock Wafer Type Ball Valve

SECTION Dimensions per size REF EFC-108

SIZE	L	D	H	C	OD	OK	OG	B	F	N-M	TOP FLANGE	SXS	WEIGHT
DN15	42	15	76	110	95	65	45	14	2	4-M12	F03/F04	9	1.4 kg
DN20	44	20	81	110	105	75	58	16	2	4-M12	F03/F04	9	1.9 kg
DN25	50	25	90	160	115	85	68	16	2	4-M12	F04/F05	11	2.4 kg
DN32	60	30	102	160	140	100	78	16	2	4-M16	F04/F05	11	3.6 kg
DN40	65	36	115	185	150	110	88	16	3	4-M16	F05/F07	14	4.4 kg
DN50	80	46	122	185	165	125	102	18	3	4-M16	F05/F07	14	5.5 kg
DN65	110	57	168	305	185	145	122	18	3	4-M16	F07/F10	19	8.6 kg
DN80	120	73	178	305	200	160	138	20	3	8-M16	F07/F10	19	11 kg
DN100	150	90	198	305	220	180	158	20	3	8-M16	F07/F10	19	14 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-108** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

BALL VALVE

# Bronze Ball Valve - BSP

REF **EFC-109** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN8 to DN100</b>
Pressure	<b>20 bar</b>
End connection	<b>threaded (BSP)</b>
Temperature	<b>max 170°C</b>
Media	<b>water, oil, gas</b>

## ACTUATION

- manual lever — Steel chrome pleated lever with PVC cover

## APPLICATIONS

- water
- oil and gas

## MATERIALS

Retainer	<b>Bronze Rg5</b>	Packing	<b>PTFE</b>
Seat	<b>PTFE</b>	Ball	<b>Bronze Rg5 (Chrome)</b>
Body	<b>Bronze Rg5</b>	Stem	<b>CuZn36Pb2As</b>
Stem gasket	<b>PTFE</b>	Gland nut	<b>CuZn39Pb3</b>
Lever	<b>Steel (Chrome Pleated)</b>	Lever cover	<b>PVC</b>
Gasket	<b>Steel</b>	Nut	<b>Brass</b>

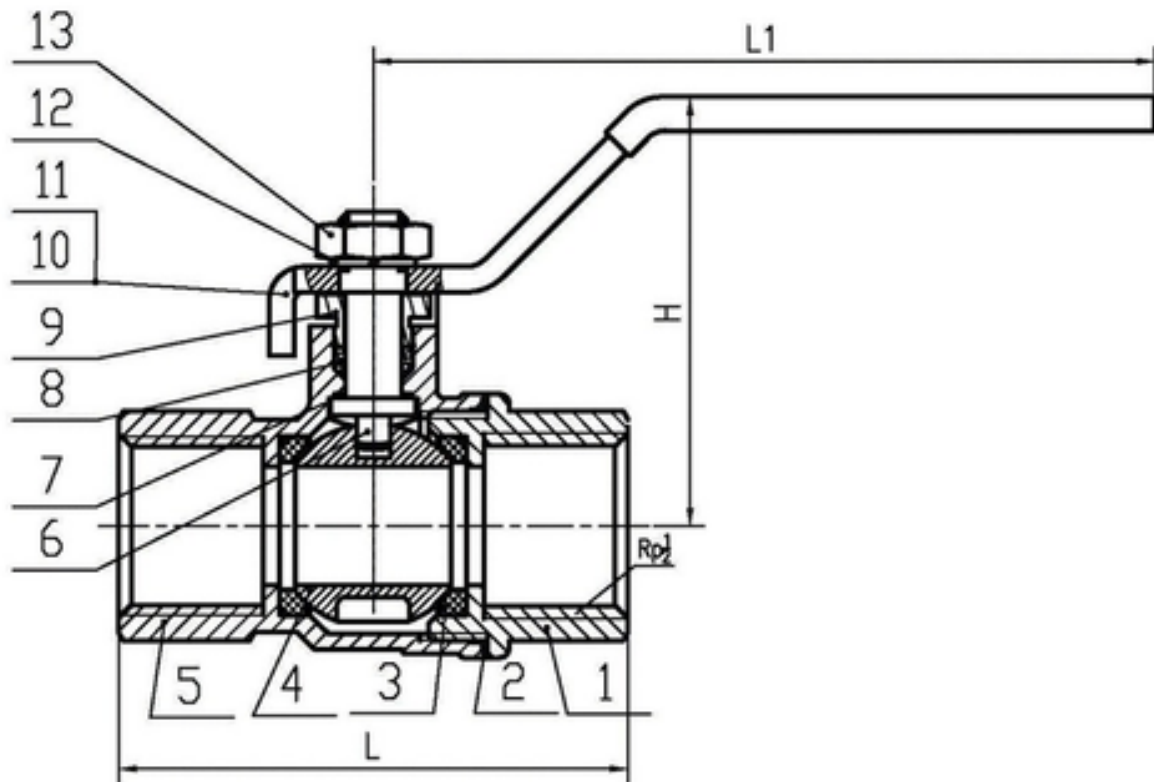


Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Bronze Ball Valve - BSP

SECTION Technical drawing 1 REF EFC-109



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Bronze Ball Valve - BSP

SECTION Dimensions per size REF EFC-109

SIZE	L	L1	H	Ø	RC
DN8	43	70	28	9.5	1/4"
DN10	46	70	28	9.5	3/8"
DN15	53	95	44	14	1/2"
DN20	61	110	51	19	3/4"
DN25	71	110	55	24	1"
DN32	85	140	65	31	1-1/4"
DN40	92	140	70	38	1-1/2"
DN50	114	160	83	49	2"
DN65	134	220	118	63	2-1/2"
DN80	152	270	132	73	3"
DN100	182	280	150	90	4"

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

BALL VALVE

# SS 2PC Ball Valve M3 - BSP

REF **EFC-110** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN8 to DN100</b>
Pressure	<b>63 bar</b>
End connection	<b>threaded (BSP)</b>
Temperature	<b>-20°C to 180°C</b>
Media	<b>water, oil, gas</b>

## ACTUATION

- manual lever — Stainless steel lever with PVC cover and lock

## APPLICATIONS

- water
- oil and gas

## MATERIALS

Body	<b>CF8, CF8M</b>	Cap	<b>CF8, CF8M</b>
Seat	<b>PTFE</b>	Gasket	<b>PTFE</b>
Washer	<b>PTFE</b>	Packing	<b>PTFE</b>
Gland	<b>SS 201, SS 304</b>	Nut	<b>SS 201, SS 304</b>
Stem	<b>SS 304, SS316</b>	Ball	<b>SS 304, SS 316</b>
Lever	<b>SS201, SS304</b>	Lever cover	<b>PVC</b>
Lock	<b>SS201, SS304</b>		

## FEATURES

- Two-piece body construction
- BSP threaded end connections
- PTFE seat, gasket, washer, and packing
- Ball and stem available in SS 304 or SS 316
- Body available in CF8 or CF8M
- Lever with PVC cover and integral lock

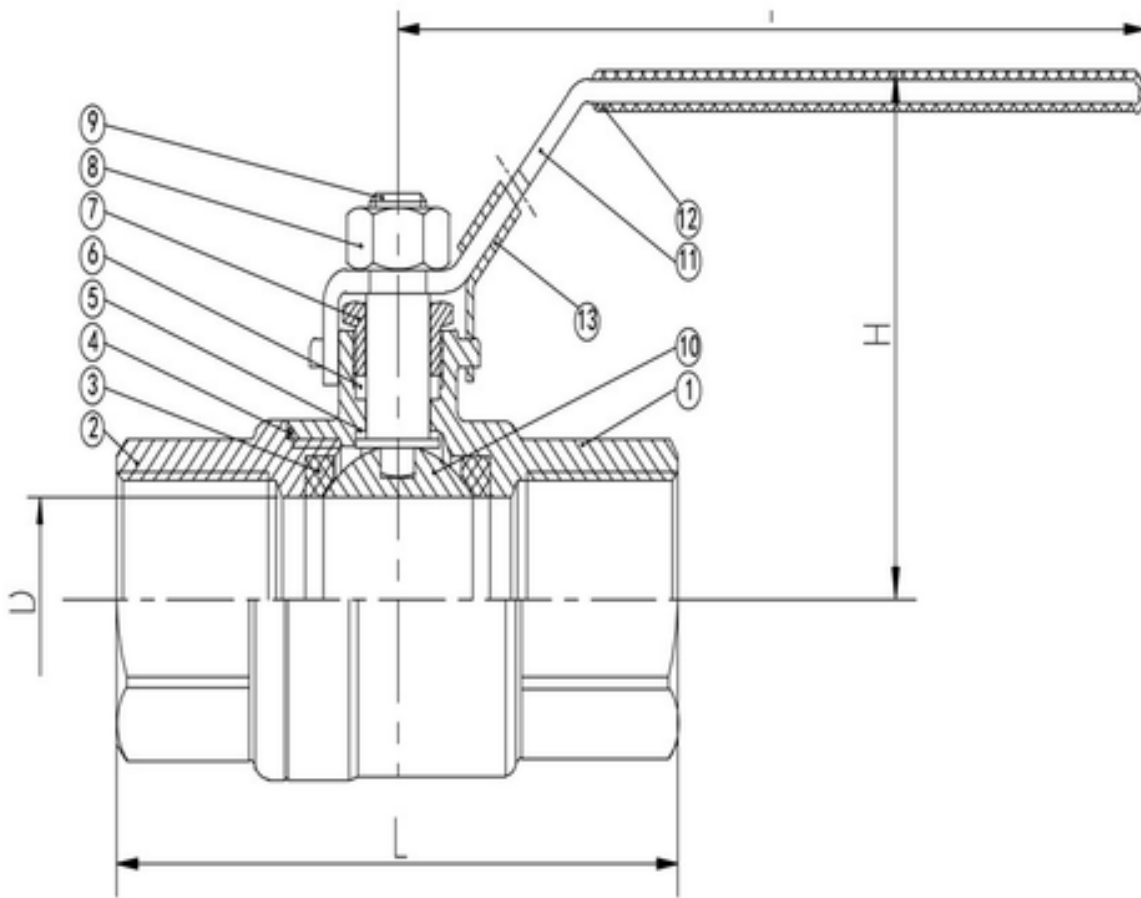


Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# SS 2PC Ball Valve M3 - BSP

SECTION Technical drawing 1 REF EFC-110



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# SS 2PC Ball Valve M3 - BSP

SECTION Dimensions per size REF EFC-110

SIZE	L	D	H	T	SXS
DN8	55	8	50	89	1/4 in (Rc BSP)
DN10	60	10	50	89	3/8 in (Rc BSP)
DN15	75	15	56	107	1/2 in (Rc BSP)
DN20	80	20	61	120	3/4 in (Rc BSP)
DN25	90	25	67	126	1 in (Rc BSP)
DN32	110	32	78	143	1-1/4 in (Rc BSP)
DN40	120	40	83	160	1-1/2 in (Rc BSP)
DN50	140	50	96	171	2 in (Rc BSP)
DN65	185	65	124	205	2-1/2 in (Rc BSP)
DN80	205	80	145	235	3 in (Rc BSP)
DN100	235	100	162	296	4 in (Rc BSP)

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# SS 3PC Ball Valve M3 - BSP

REF **EFC-111** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN15 to DN100</b>
Pressure	<b>63 bar</b>
End connection	<b>threaded (BSP)</b>
Temperature	<b>-20°C to 180°C</b>
Media	<b>water, oil, gas</b>

## ACTUATION

- manual lever — SS201/SS304 lever with PVC lever cover and lock

## APPLICATIONS

- water
- oil and gas



**MATERIALS**

Body	<b>CF8, CF8M</b>	Ball	<b>SS304, SS316</b>
Bolt	<b>SS201, SS304</b>	Nut	<b>SS201, SS304</b>
Packing	<b>PTFE</b>	Stem	<b>SS304, SS316</b>
Gland	<b>SS201, SS304</b>	Cap	<b>CF8, CF8M</b>
Seat	<b>PTFE</b>	Washer	<b>PTFE</b>
Lever	<b>SS201, SS304</b>	Lever cover	<b>PVC</b>
Lock	<b>SS201, SS304</b>		

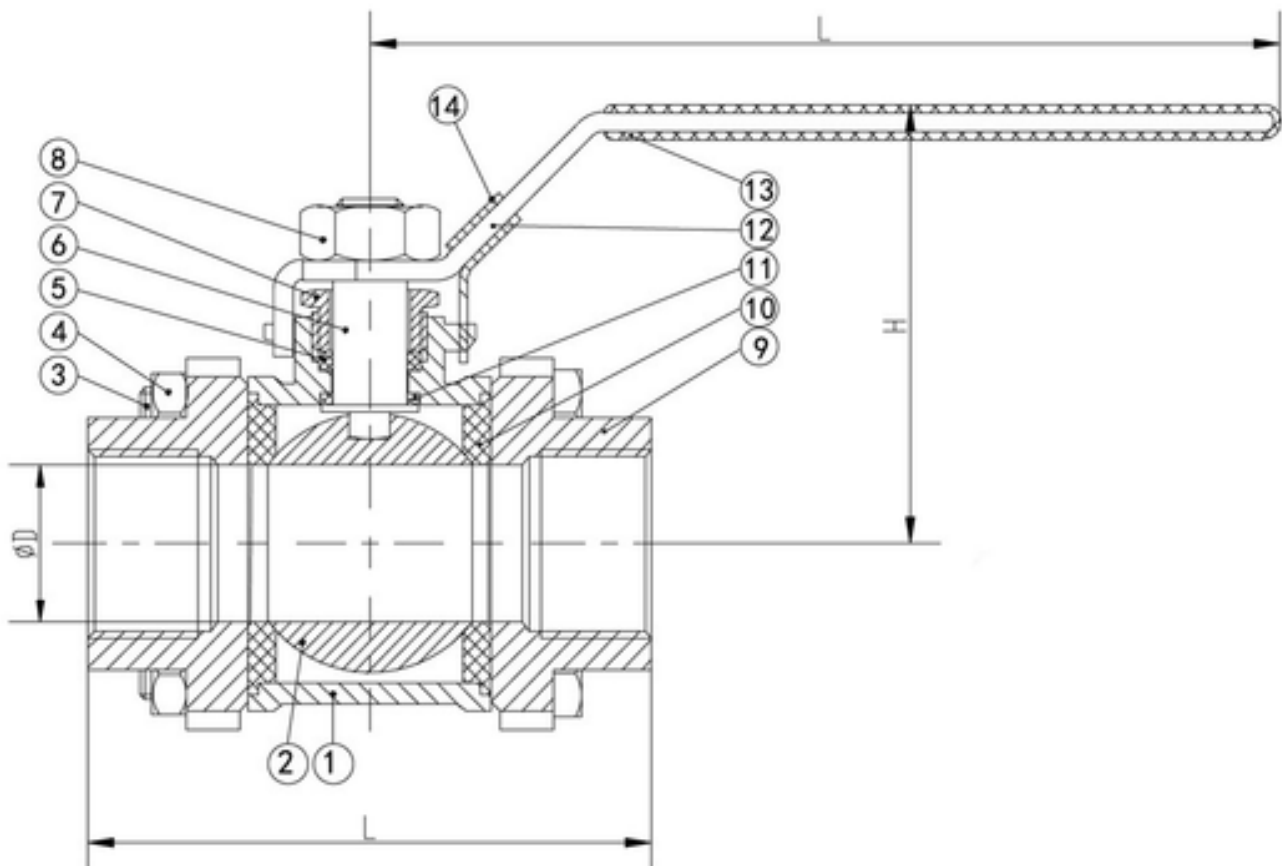
**FEATURES**

- 3-piece body construction
- BSP threaded end connections
- PTFE seat and packing
- Lever operator with locking device
- Stainless steel body options CF8 and CF8M
- Ball available in SS304 or SS316

BALL VALVE

# SS 3PC Ball Valve M3 - BSP

SECTION Technical drawing 1 REF EFC-111



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# SS 3PC Ball Valve M3 - BSP

SECTION Dimensions per size REF EFC-111

SIZE	L	D	H	T	RC
DN15	75	15	62	107	1/2" BSP
DN20	80	20	65	120	3/4" BSP
DN25	90	25	71	126	1" BSP
DN32	110	32	85	143	1-1/4" BSP
DN40	120	40	90	160	1-1/2" BSP
DN50	140	50	100	171	2" BSP
DN65	185	65	121	205	2-1/2" BSP
DN80	205	80	141	235	3" BSP
DN100	235	100	169	296	4" BSP

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# SS 3PC Ball Valve M3 - ISO 5211 - BSP

REF **EFC-112** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN8 to DN100</b>
Pressure	<b>63 bar</b>
End connection	<b>threaded (BSP)</b>
Temperature	<b>-20°C to 180°C</b>
Media	<b>water, oil, gas</b>

## ACTUATION

- manual lever — SS201/SS304 lever with PVC cover and lock — ISO 5211

## APPLICATIONS

- water
- oil and gas



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CF8, CF8M</b>	Ball	<b>SS304, SS316</b>
Bolt	<b>SS201, SS304</b>	Nut body	<b>SS201, SS304</b>
Packing	<b>PTFE</b>	Stem	<b>SS304, SS316</b>
Gland	<b>SS201, SS304</b>	Nut stem	<b>SS201, SS304</b>
Cap	<b>CF8, CF8M</b>	Seat	<b>PTFE</b>
Washer	<b>PTFE</b>	Lever	<b>SS201, SS304</b>
Lever cover	<b>PVC</b>	Lock	<b>SS201, SS304</b>

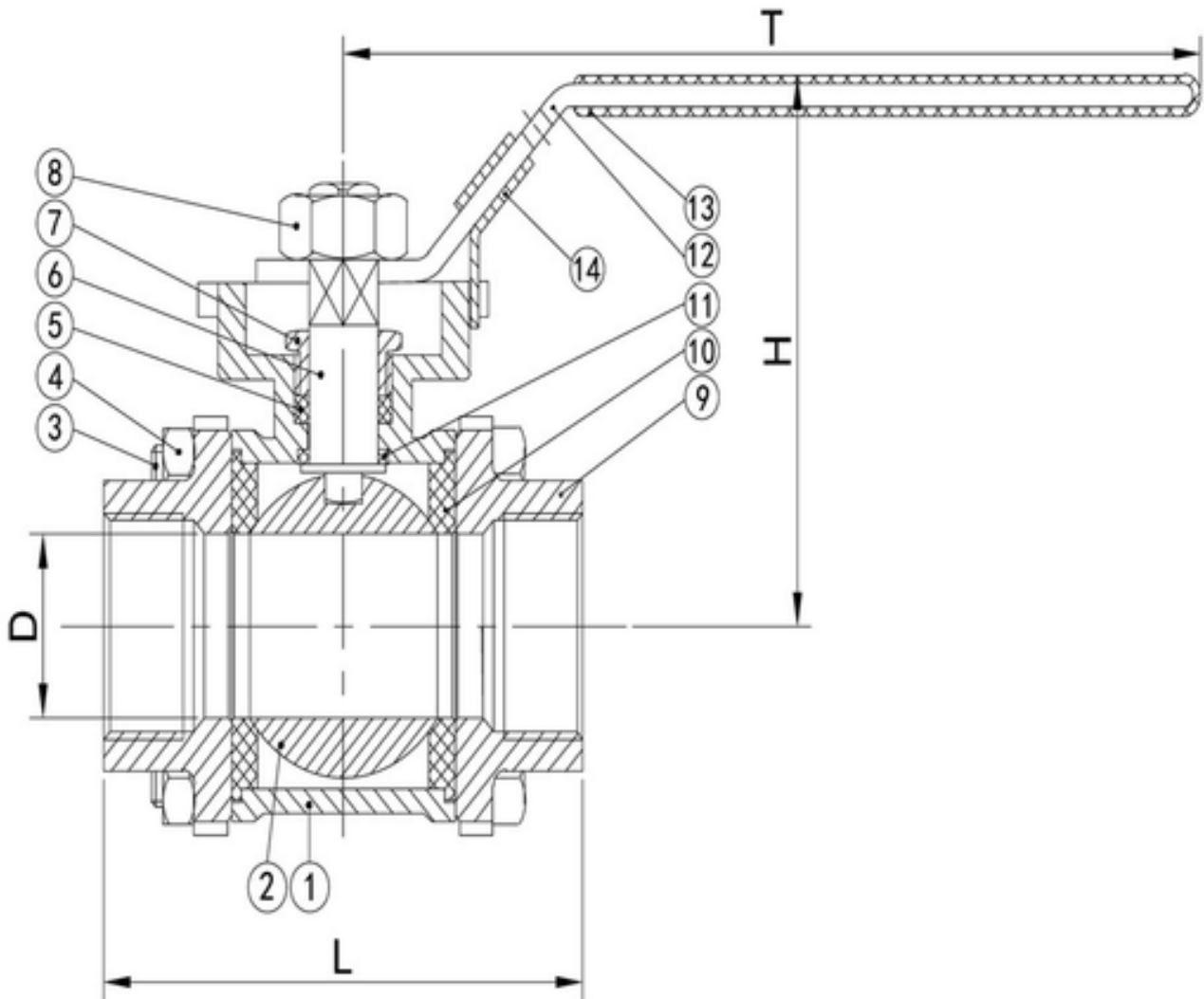
**FEATURES**

- 3-piece body construction
- BSP threaded end connections
- ISO 5211 direct mounting pad
- PTFE seats and packing
- Lever handle with PVC cover and lock device
- Available in SS304 and SS316 trim options

BALL VALVE

# SS 3PC Ball Valve M3 - ISO 5211 - BSP

SECTION Technical drawing 1 REF EFC-112



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# SS 3PC Ball Valve M3 - ISO 5211 - BSP

SECTION Dimensions per size REF EFC-112

SIZE	L	D	H	T	RE	TOP FLANGE
DN8	65	8	65	131	1/4" BSP	F03/F04
DN10	65	10	65	131	3/8" BSP	F03/F04
DN15	75	15	63	131	1/2" BSP	F03/F04
DN20	80	20	74	131	3/4" BSP	F03/F04
DN25	90	25	86	167	1" BSP	F04/F05
DN32	110	32	95	167	1-1/4" BSP	F04/F05
DN40	120	40	116	193	1-1/2" BSP	F05/F07
DN50	140	50	122	193	2" BSP	F05/F07
DN65	185	65	147	242	2-1/2" BSP	F07/F10
DN80	205	80	153	272	3" BSP	F07/F10
DN100	235	100	167	295	4" BSP	F07/F10

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# 2 Pcs Design Ball Valve Full Bore

REF **EFC-113** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN32 to DN200</b>
Pressure	<b>PN16</b>
End connection	<b>flanged (DIN EN 1092-1)</b>

## ACTUATION

- manual lever — Steel lever



## MATERIALS

Body	<b>GG25</b>	Body seat	<b>Teflon, PTFE</b>
Ball	<b>SS420, SS304</b>	Stem	<b>SS420</b>
Bonnet	<b>GG25</b>	Stud	<b>5.6, 8.8</b>
Nut	<b>5, 8</b>	Lever	<b>Steel</b>

## FEATURES

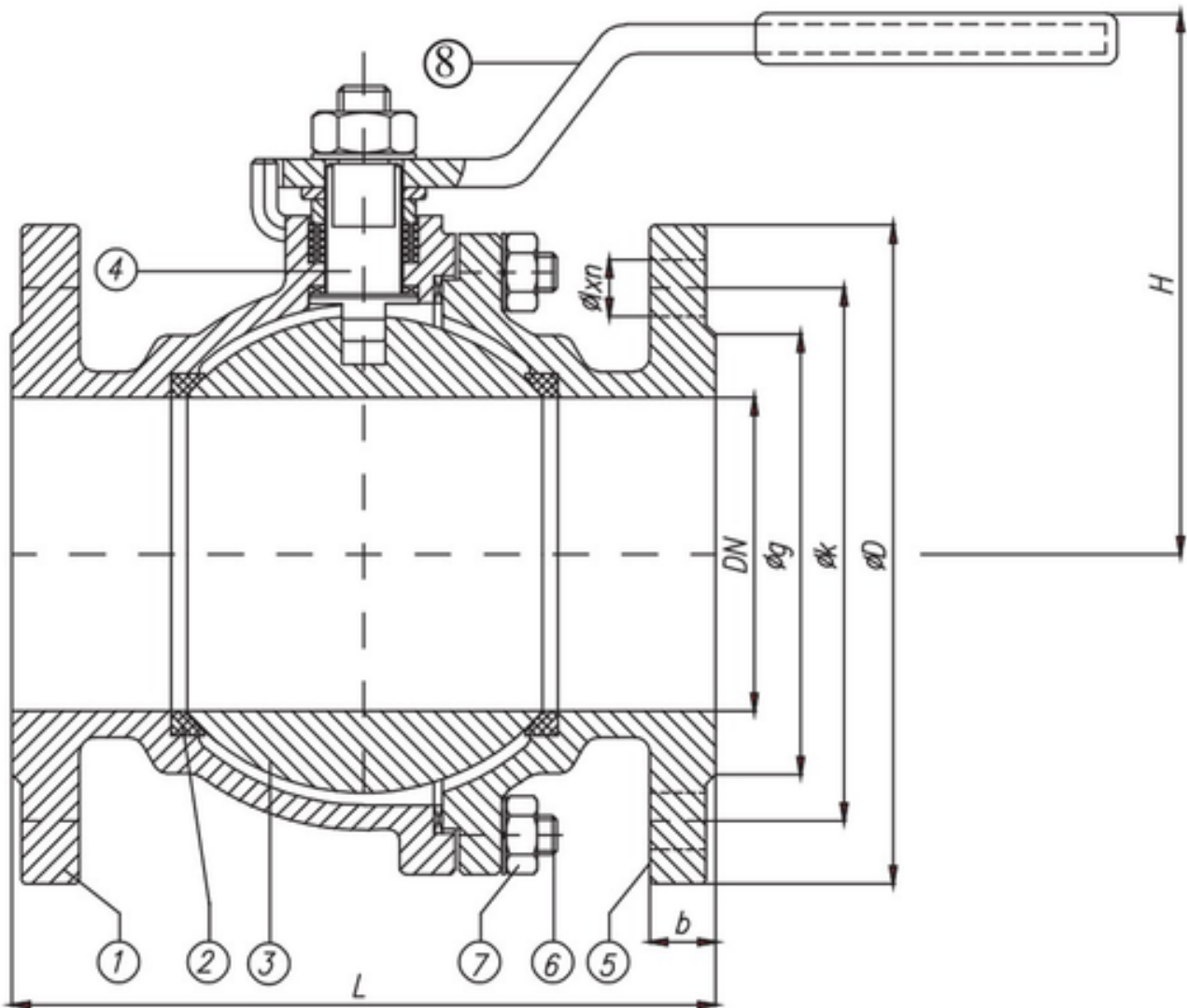
- Two-piece body construction
- Full bore design providing unrestricted flow
- PTFE body seats
- Stainless steel ball and stem
- Manual lever operation
- Flanged end connections to DIN EN 1092-1

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# 2 Pcs Design Ball Valve Full Bore

SECTION Technical drawing 1 REF EFC-113



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

## 2 Pcs Design Ball Valve Full Bore

SECTION Dimensions per size REF EFC-113

SIZE	L	H	OD	OK	OG	B	OLXN	WEIGHT
DN32	130	110	140	100	78	18	Ø18x4	9 kg
DN40	140	160	150	110	88	18	Ø18x4	13 kg
DN50	150	160	165	125	102	18	Ø18x4	19 kg
DN65	170	170	185	145	122	18	Ø18x4	29 kg
DN80	180	210	200	160	138	20	Ø18x8	40 kg
DN100	190	240	220	180	158	20	Ø18x8	55 kg
DN125	200	280	250	210	188	22	Ø18x8	80 kg
DN150	210	330	285	240	212	22	Ø22x8	120 kg
DN200	230	400	340	295	268	24	Ø23x12	175 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

BALL VALVE

# 3 Pcs Design Ball Valve Full Bore

REF **EFC-114** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN150</b>
Pressure	<b>PN16, PN25, PN40</b>
End connection	<b>flanged (EN 1092) / flanged (EN 1092) / flanged (EN 1092)</b>

## ACTUATION

- manual lever — St 37 / AISI 304



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>GG 25, GGG-40 SS, GS-C 25, Bronze</b>	Gasket body	<b>PTFE</b>
Stem	<b>AISI 304, AISI 316</b>	Gasket gland	<b>PTFE</b>
Gland bush	<b>Ms 58, AISI 304</b>	Stopper	<b>St 37, AISI 304</b>
Lever	<b>St 37, AISI 304</b>	Washer body	<b>St 37, AISI 304</b>
Nut stem	<b>5 D, SS</b>	Ball	<b>AISI 304, AISI 316, Bronze</b>
Seat	<b>PTFE</b>	Flange	<b>GG 25, GGG-40 SS, GS-C 25, Bronze</b>
Stud	<b>5.6, A2</b>	Washer flange	<b>St 37, AISI 304</b>
Nut flange	<b>5, A2</b>		

**FEATURES**

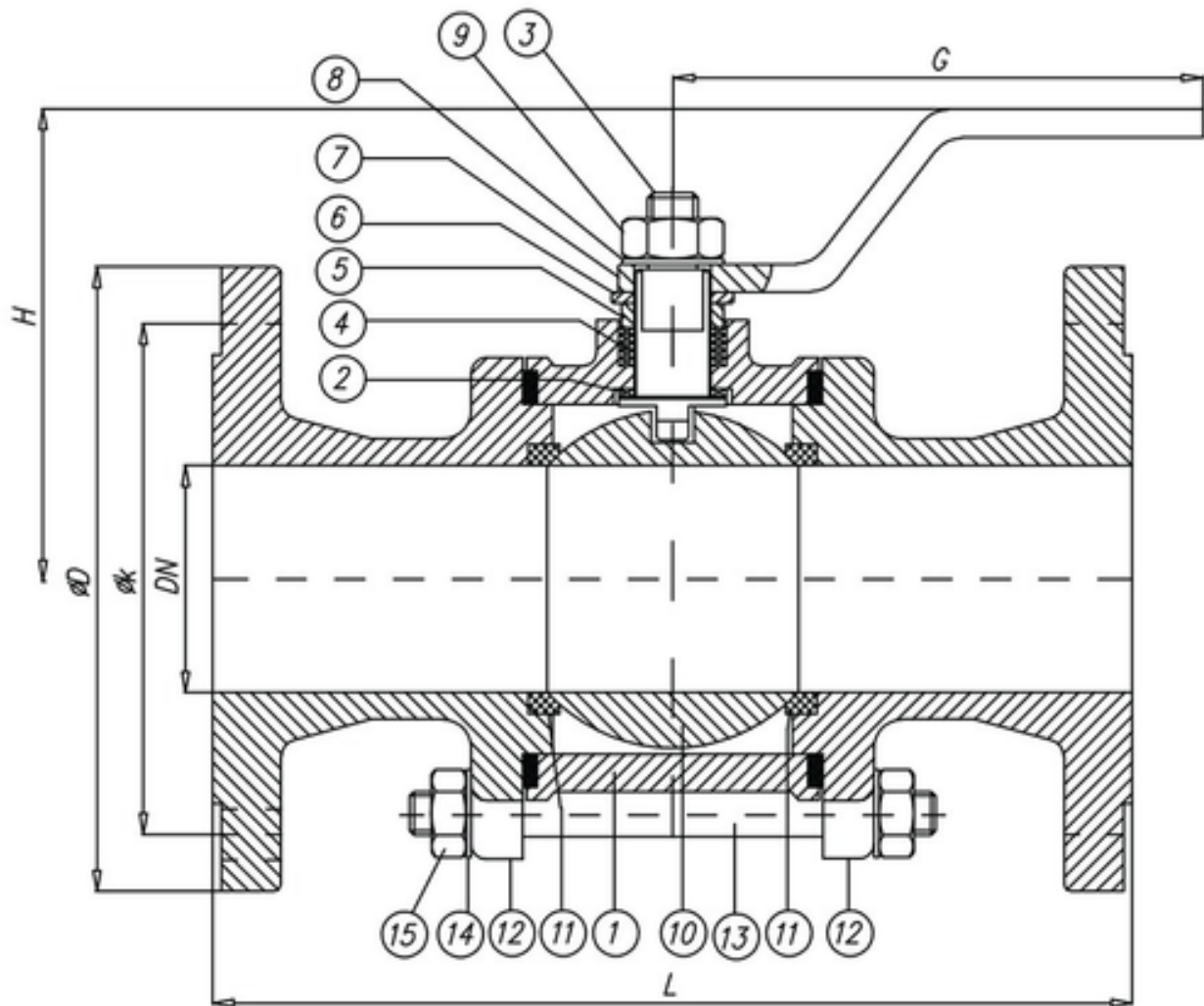
- 3-piece body construction
- Full bore design allowing unobstructed flow
- Flanged end connections per EN 1092
- PTFE seat and body gaskets
- Available in multiple body materials including cast iron, cast steel, and bronze
- Ball available in stainless steel (AISI 304/316) or bronze
- Lever-operated manual actuation as standard

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# 3 Pcs Design Ball Valve Full Bore

SECTION Technical drawing 1 REF EFC-114



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# 3 Pcs Design Ball Valve Full Bore

SECTION Dimensions per size REF EFC-114

SIZE	L	G_MAX	H_MAX	PN16 D	PN16 K	PN25 D	PN25 K	PN40 D	PN40 K	WEIGHT
DN15	130	160	95	95	65	95	65	95	65	2.3 kg
DN20	150	180	110	105	75	105	75	105	75	3.8 kg
DN25	160	180	115	115	85	115	85	115	85	4 kg
DN32	180	250	130	140	100	140	100	140	100	6.5 kg
DN40	200	300	135	150	110	150	110	150	110	8.55 kg
DN50	230	320	145	165	125	165	125	165	125	13.55 kg
DN65	290	350	155	185	145	185	145	185	145	20.15 kg
DN80	310	450	195	200	160	200	160	200	160	29.5 kg
DN100	350	500	220	220	180	235	190	235	190	40.3 kg
DN125	400	700	265	250	210	270	220	270	220	68 kg
DN150	350	700	300	285	240	300	250	300	250	86 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Ball Valve Reduced Bore

REF **EFC-115** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN20 to DN250</b>
Pressure	<b>PN16</b>
End connection	<b>flanged (EN 1092)</b>

## ACTUATION

- manual lever — St 37 / AISI 1304 lever



## MATERIALS

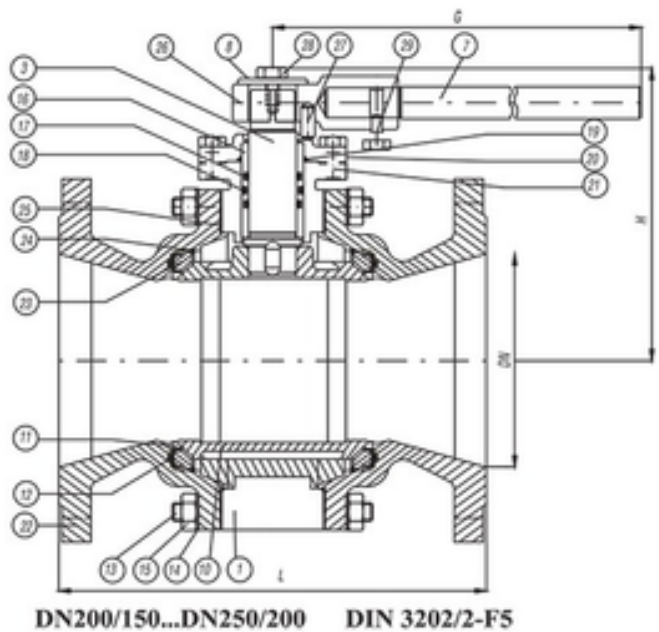
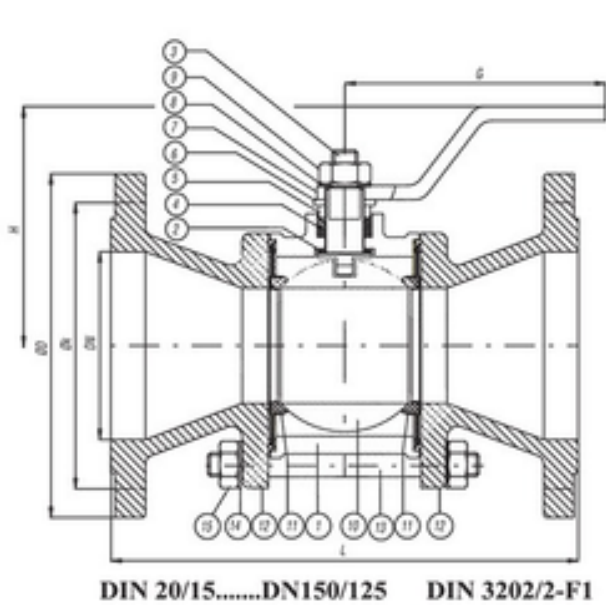
Body	<b>GG 25, GGG-40-50</b>	Gasket alt teflonu item 2	<b>PTFE</b>
Stem	<b>AISI 1304, AISI 1316</b>	Gasket teflon ring item 4	<b>PTFE</b>
Gland bush	<b>Ms 58, AISI 1304</b>	Stopper	<b>St 37, AISI 1304</b>
Lever	<b>St 37, AISI 1304</b>	Washer item 8	<b>St 37, AISI 1304</b>
Nut item 9	<b>5D, SS</b>	Ball	<b>AISI 304</b>
Spring seal	<b>AISI 304 + PTFE</b>	Flange	<b>GG 25, GGG-40-50</b>
Stud	<b>5.6, SS</b>	Washer item 14	<b>St 37, 304</b>
Nut item 15	<b>5D, SS</b>	Stem bush	<b>PTFE</b>
O ring items 17 18 19 22	<b>EPDM</b>	Bonnet	<b>GG 25, GGG-40-50</b>
Bolt items 21 29	<b>5D, SS</b>	Support ring	<b>GG 25, GGG-40-50</b>
Safety wire	<b>AISI 1304</b>	Gasket item 25	<b>Klingerit, Franzelit</b>
Lever adaptor	<b>GG 25, GGG-40-50</b>	Pin	<b>AISI 1304</b>
Washer item 28	<b>St 37, AISI 1304</b>		

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Ball Valve Reduced Bore

SECTION Technical drawing 1 REF EFC-115



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Ball Valve Reduced Bore

SECTION Dimensions per size REF EFC-115

SIZE	L	G_MAX	H_MAX	D	K	WEIGHT
DN20	150	160	95	105	75	2.7 kg
DN25	160	180	110	115	85	3.5 kg
DN32	180	180	115	140	100	5.4 kg
DN40	200	250	130	150	110	6.8 kg
DN50	230	300	135	165	125	9.55 kg
DN65	290	320	145	185	145	15.15 kg
DN80	310	350	155	200	160	21.6 kg
DN100	350	450	195	220	180	30.2 kg
DN125	400	500	220	250	210	44.8 kg
DN150	450	700	265	285	240	72.2 kg
DN200	400	700	300	340	295	100 kg
DN250	450	1000	380	405	355	141 kg

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Stainless Steel Ball Valve Full Bore

REF **EFC-116** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN150</b>
Pressure	<b>PN10, PN16, PN25, PN40</b>
End connection	<b>flanged (EN 1092) / flanged (EN 1092) / flanged (EN 1092) / flanged (EN 1092)</b>

## ACTUATION

- manual lever — AISI 304 / AISI 316 lever



## MATERIALS

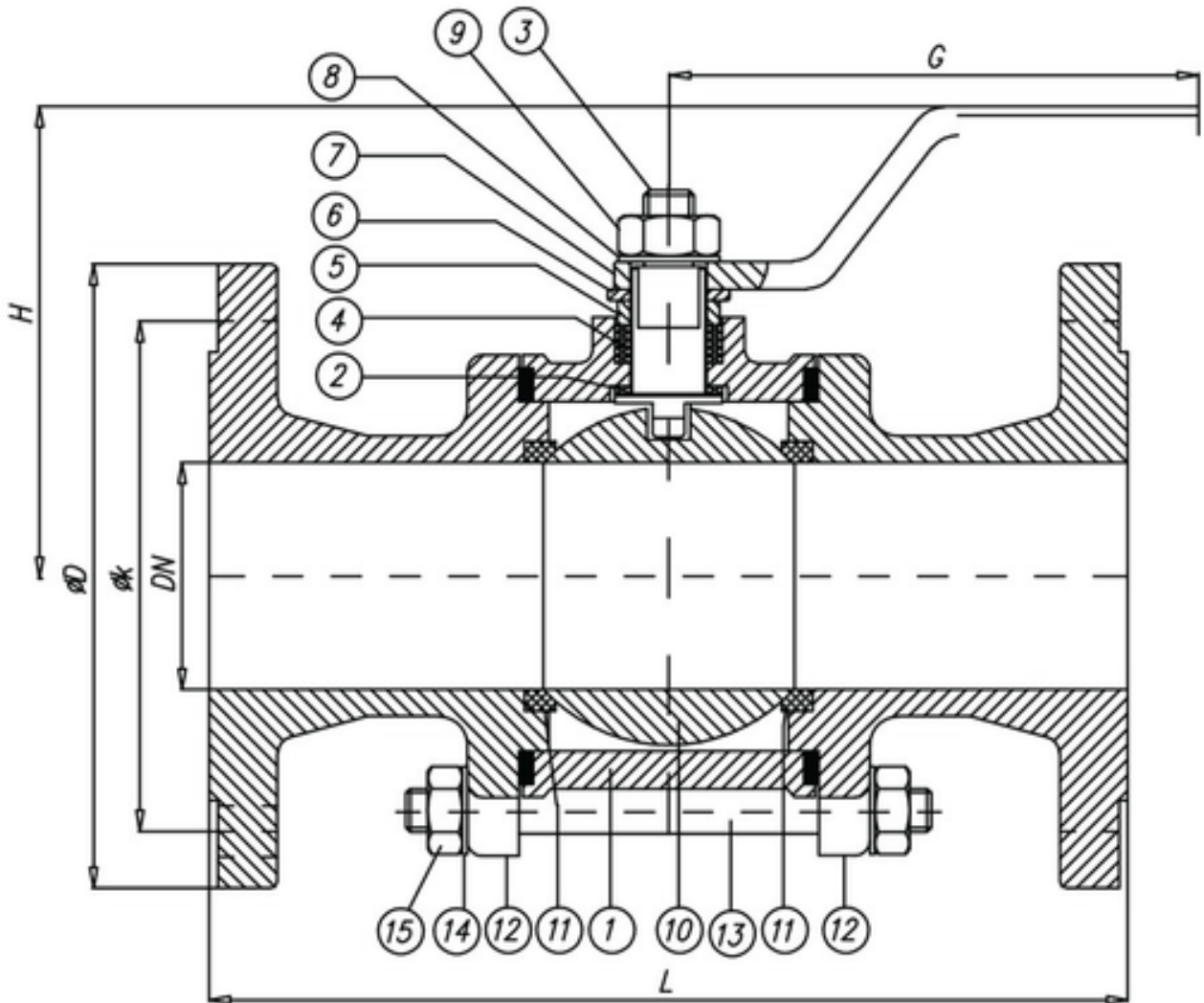
Body	<b>AISI 304, AISI 316</b>	Gasket alt teflonu	<b>PTFE</b>
Stem	<b>AISI 304, AISI 316</b>	Gasket teflon ring	<b>PTFE</b>
Gland bush	<b>AISI 304, AISI 316</b>	Stopper	<b>AISI 304, AISI 316</b>
Lever	<b>AISI 304, AISI 316</b>	Washer body	<b>AISI 304, AISI 316</b>
Nut body	<b>5 D, SS</b>	Ball	<b>AISI 304, AISI 316</b>
Seat	<b>PTFE</b>	Flange	<b>AISI 304, AISI 316</b>
Stud	<b>St, SS</b>	Washer flange	<b>St, SS</b>
Nut flange	<b>5 D, SS</b>		

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Stainless Steel Ball Valve Full Bore

SECTION Technical drawing 1 REF EFC-116



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Stainless Steel Ball Valve Full Bore

SECTION Dimensions per size REF EFC-116

SIZE	L	G MAX	H MAX	PN10/16 D	PN10/16 K	PN25 D	PN25 K	PN40 D	PN40 K	WEIGHT
DN15	130	160	90	95	65	95	65	95	65	2.3 kg
DN20	150	180	110	105	75	105	75	105	75	3.8 kg
DN25	160	180	115	115	85	115	85	115	85	4 kg
DN32	180	250	130	140	100	140	100	140	100	6.5 kg
DN40	200	300	135	150	110	150	110	150	110	8.55 kg
DN50	230	320	155	165	125	165	125	165	125	13.55 kg
DN65	290	350	195	185	145	185	145	185	145	20.15 kg
DN80	310	450	220	200	160	200	160	200	160	29.5 kg
DN100	350	500	265	220	180	235	190	235	190	40.3 kg
DN125	400	700	265	250	210	270	220	270	220	68 kg
DN150	480	700	300	285	240	300	250	300	250	86 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

BALL VALVE

# Ball Valve

REF **EFC-117** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN15 to DN250</b>
Pressure	<b>PN10, PN16, PN25, PN40</b>
End connection	<b>flanged (EN 1092-1) / flanged (EN 1092-1) / flanged (EN 1092-1) / flanged (EN 1092-1)</b>

## ACTUATION

- manual lever — SS 201 + PVC lever — ISO 5211
- pneumatic actuator — as shown in product image — ISO 5211
- electric actuator — as shown in product image — ISO 5211
- handwheel / gearbox — as shown in product image — ISO 5211



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	WCB, SS 304, SS 316	Bonnet	WCB, SS 304, SS 316
Screw	SS 304 (A2)	Gasket	PTFE
Seat	PTFE	Ball	SS 304, SS 316
Stem	SS 304, SS 316	Thrust gasket	PTFE
O ring	Viton	Packing	PTFE
Gland	SS 304	Spring washer	SS 304
Screw nut	SS 304 (A2)	Nut	SS 304
Lock	SS 201	Lever	SS 201 + PVC

**FEATURES**

- Two-piece body construction
- Full bore design
- ISO 5211 top flange mounting pad for actuator fitment
- Available with SxS (socket x socket) connection on smaller sizes
- Dual ISO 5211 flange size options per nominal diameter

**ACTUATION TORQUE**

Size
DN15
DN20
DN25
DN32
DN40
DN50
DN65
DN80
DN100
DN125
DN150

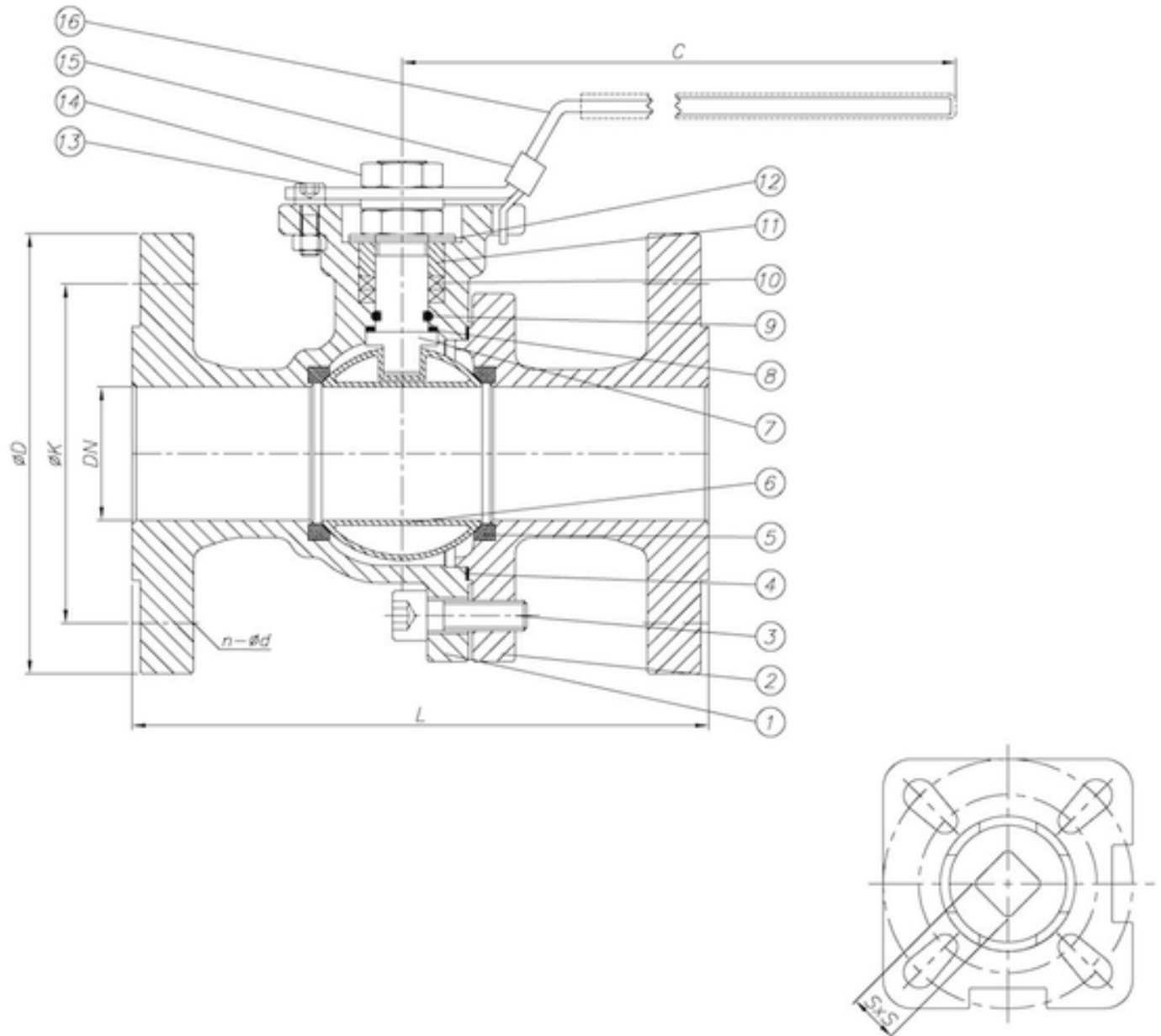
*Wet opening torque, indicative. Size the actuator with margin and confirm at quotation.*

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Ball Valve

SECTION Technical drawing 1 REF EFC-117



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Ball Valve

SECTION Dimensions per size REF EFC-117

SIZE	D	K	N-D	L	C	WEIGHT
DN15 (PN10)	95	65	4-14	115	130	2.4 kg
DN15 (PN16)	95	65	4-14	115	130	2.4 kg
DN15 (PN25)	95	65	4-14	115	130	2.4 kg
DN15 (PN40)	95	65	4-14	115	130	2.4 kg
DN20 (PN10)	105	75	4-14	120	130	3.1 kg
DN20 (PN16)	105	75	4-14	120	130	3.1 kg
DN20 (PN25)	105	75	4-14	120	130	3.1 kg
DN20 (PN40)	105	75	4-14	120	130	3.1 kg
DN25 (PN10)	115	85	4-14	125	130	3.9 kg
DN25 (PN16)	115	85	4-14	125	130	3.9 kg
DN25 (PN25)	115	85	4-14	125	130	3.9 kg
DN25 (PN40)	115	85	4-14	125	130	3.9 kg
DN32 (PN10)	140	100	4-18	130	170	5.4 kg
DN32 (PN16)	140	100	4-18	130	170	5.4 kg
DN32 (PN25)	140	100	4-18	130	170	5.4 kg
DN32 (PN40)	140	100	4-18	130	170	5.4 kg
DN40 (PN10)	150	110	4-18	140	170	6.3 kg
DN40 (PN16)	150	110	4-18	140	170	6.3 kg
DN40 (PN25)	150	110	4-18	140	170	6.3 kg
DN40 (PN40)	150	110	4-18	140	170	6.3 kg
DN50 (PN10)	165	125	4-18	150	195	8.3 kg
DN50 (PN16)	165	125	4-18	150	195	8.3 kg
DN50 (PN25)	165	125	4-18	150	195	8.3 kg
DN50 (PN40)	165	125	4-18	150	195	8.3 kg
DN65 (PN10)	185	145	4-18	170	195	11.7 kg
DN65 (PN16)	185	145	4-18	170	195	11.7 kg
DN65 (PN25)	185	145	4-18	170	195	11.7 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Ball Valve

Dimensions per size (continued) · EFC-117

SIZE	D	K	N-D	L	C	WEIGHT
DN65 (PN40)	185	145	4-18	170	195	11.7 kg
DN80 (PN10)	200	160	8-18	180	245	14.3 kg
DN80 (PN16)	200	160	8-18	180	245	14.3 kg
DN80 (PN25)	200	160	8-18	180	245	14.3 kg
DN80 (PN40)	200	160	8-18	180	245	14.3 kg
DN100 (PN10)	220	180	8-18	190	275	17.1 kg
DN100 (PN16)	220	180	8-18	190	275	17.1 kg
DN100 (PN25)	235	190	8-22	190	275	17.1 kg
DN100 (PN40)	235	190	8-22	190	275	17.1 kg
DN125 (PN10)	250	210	8-22	325	295	32.3 kg
DN125 (PN16)	250	210	8-22	325	295	32.3 kg
DN125 (PN25)	270	220	8-26	325	295	32.3 kg
DN125 (PN40)	270	220	8-26	325	295	32.3 kg
DN150 (PN10)	285	240	8-22	350	530	42.3 kg
DN150 (PN16)	285	240	8-22	350	530	42.3 kg
DN150 (PN25)	300	250	8-26	350	530	42.3 kg
DN150 (PN40)	300	250	8-26	350	530	42.3 kg
DN200 (PN10)	340	295	12-22	400	625	69.9 kg
DN200 (PN16)	340	295	12-22	400	625	69.9 kg
DN200 (PN25)	360	310	12-26	400	625	69.9 kg
DN200 (PN40)	375	320	12-30	400	625	69.9 kg
DN250 (PN10)	395	350	12-22	450	—	157 kg
DN250 (PN16)	405	355	12-26	450	—	157 kg
DN250 (PN25)	425	370	12-30	450	—	157 kg
DN250 (PN40)	450	385	12-33	450	—	157 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

BALL VALVE

# 2PC Stainless Steel Ball Valve

REF **EFC-236** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	1/4" to 4"
Pressure	1000 WOG
End connection	threaded (ANSI B1.20.1 / BS 21/2779 / DIN 259/2999 / ISO 228)
Face-to-face	API 609, BS 5155, DIN 3202, ISO 5752
Temperature	-20°C to 300°C
Media	Water, Oil, Gas, Acid, Steam

## ACTUATION

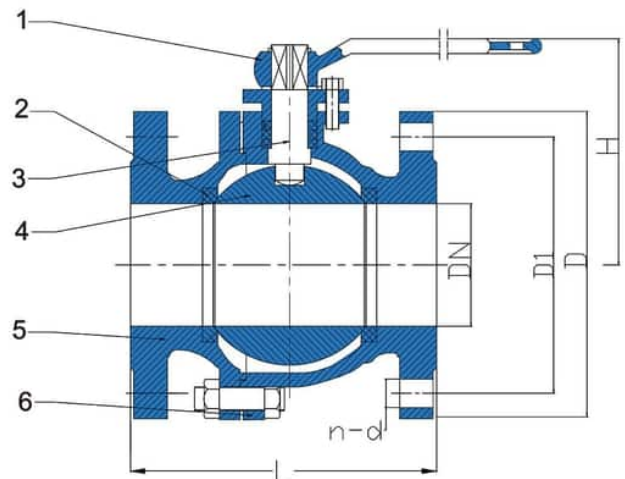
- manual lever — quarter-turn

## STANDARDS

Test	API 598
------	---------

## APPLICATIONS

- HVAC
- Water Supply & Sewage
- Food & Beverage
- Chemical/Petrochemical/Processing
- Power & Utilities
- Paper and Pulp
- Ship Building
- Municipal water systems
- Engineering projects



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

---

Body	<b>CF8M, CF8, CF3M, SS316, SS304, WCB</b>	Seat	<b>RPTFE, PPL</b>
------	---	------	-------------------

---

## FEATURES

---

- Two-piece body design
- Full bore
- Quarter-turn operation
- Threaded end connections
- Full bore flanged ball valve
- Two-piece body construction
- Dimensions indicated: L (face-to-face), H (overall height), D (flange outer diameter), D1 (bolt circle diameter), DN (nominal bore), n-d (number and diameter of flange bolt holes)

BALL VALVE

# Cast Iron Flanged Ball Valve

REF **EFC-250** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN200</b>
Pressure	<b>PN16</b>
End connection	<b>flanged (DIN / BS / UNI / ISO / ANSI / AS / JIS)</b>
Face-to-face	<b>API609, BS5155, DIN3202, ISO5752</b>
Media	<b>water, wastewater, HVAC fluids, food and beverage media, chemical/petrochemical fluids</b>

## ACTUATION

- manual lever — Hand lever, CI/DI — ISO5211

## APPLICATIONS

- HVAC
- Water Supply & Sewage
- Food & Beverage
- Chemical/Petrochemical/Processing
- Power & Utilities
- Paper and Pulp
- Ship Building



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CI, DI</b>	Bonnet	<b>CI, DI</b>
Ball	<b>SS</b>	Stem	<b>SS410</b>
Seat	<b>PTFE</b>	Hand lever	<b>CI, DI</b>
Disc	<b>SS</b>		

**FEATURES**

- Quarter-turn operation
- Flanged end connections compatible with multiple international standards
- PTFE seats
- Stainless steel ball
- Cast iron or ductile iron body and bonnet
- ISO5211 mounting flange for actuator compatibility
- Flanged end connections with raised face flanges
- Split body (two-piece) construction secured with bolted mid-body joint
- Top-mounted stem with lever operator and lockable handle
- ISO 5211 top flange mounting pad visible on actuator-ready variant (image 2)
- Full-bore (full-port) ball passage visible in sectional drawing
- Body bolt/stud arrangement at mid-body split line
- Drain/vent plug at bottom of body (item 6 in sectional drawing)

**OPTIONS & NOTES**

- Products hold up to 10 international authoritative certification certificates — specific certificates not listed on page

BALL VALVE

# Cast Iron Flanged Ball Valve

SECTION Dimensions per size REF EFC-250

SIZE	L	H	D	D1	N-D
DN15	115	59	95	65	4-15
DN20	120	63	105	75	4-15
DN25	125	75	115	85	4-15
DN32	130	86	140	100	4-19
DN40	140	105	150	110	4-19
DN50	150	115	165	125	4-19
DN65	170	135	185	145	4-19
DN80	180	155	200	160	8-19
DN100	190	170	220	180	8-19
DN125	325	195	250	210	8-19
DN150	350	240	285	240	8-23
DN200	400	295	340	295	12-23

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

BALL VALVE

# Pneumatic Actuator Ball Valve

REF **EFC-292** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN200</b>
Pressure	<b>PN16 to PN25</b>
End connection	<b>flanged (ANSI) / flanged (ANSI) / flanged (DIN) / flanged (DIN) / flanged (BS) / flanged (UNI) / flanged (ISO) / flanged (AS) / flanged (JIS)</b>
Face-to-face	<b>API 609, BS 5155, DIN 3202, ISO 5752</b>
Temperature	<b>-20°C to 425°C</b>
Media	<b>Water, Oil, Gas, Acid, Steam</b>

## ACTUATION

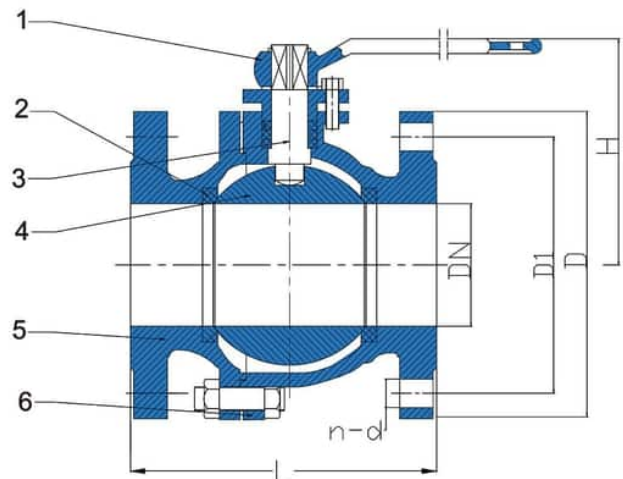
- pneumatic — ISO 5211

## STANDARDS

Test	<b>API 598</b>
------	----------------

## APPLICATIONS

- HVAC
- Water Supply & Sewage
- Food & Beverage
- Chemical/Petrochemical/Processing
- Power & Utilities
- Paper and Pulp
- Ship Building
- Industrial Automation
- Water Treatment



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

Body	<b>CF8, CF8M, CF3, CF3M</b>	Bonnet	<b>CF8, CF8M, CF3, CF3M</b>
Ball	<b>SS304, SS316, SS316L</b>	Seat	<b>PTFE, RPTFE</b>
Stem	<b>SS304, SS316, SS316L</b>	Wrench	<b>WCB, SS304</b>
Disc	<b>SS304, SS316, SS316L</b>		

## FEATURES

- Blow-out proof stem
- Investment casting body
- Full bore
- Flanged end connection
- Locking device available
- Anti-static design
- Quarter-turn operation
- Flanged end connections
- Split body (two-piece) construction
- Full bore ball
- Pneumatic rack-and-pinion actuator with manual override handwheel
- Single-acting (spring-return) actuator configuration - air-to-open ( ) as indicated on actuator label
- Solenoid valve (5/2-way) mounted on actuator
- Limit switch/positioner feedback unit mounted on actuator top
- Filter-regulator unit on actuator air supply
- Drain/blowdown plug on valve body (item 6)
- Flange bolt pattern: n-d (number and diameter of bolt holes indicated on drawing)
- ISO 5211 actuator mounting pad (inferred from bracket)

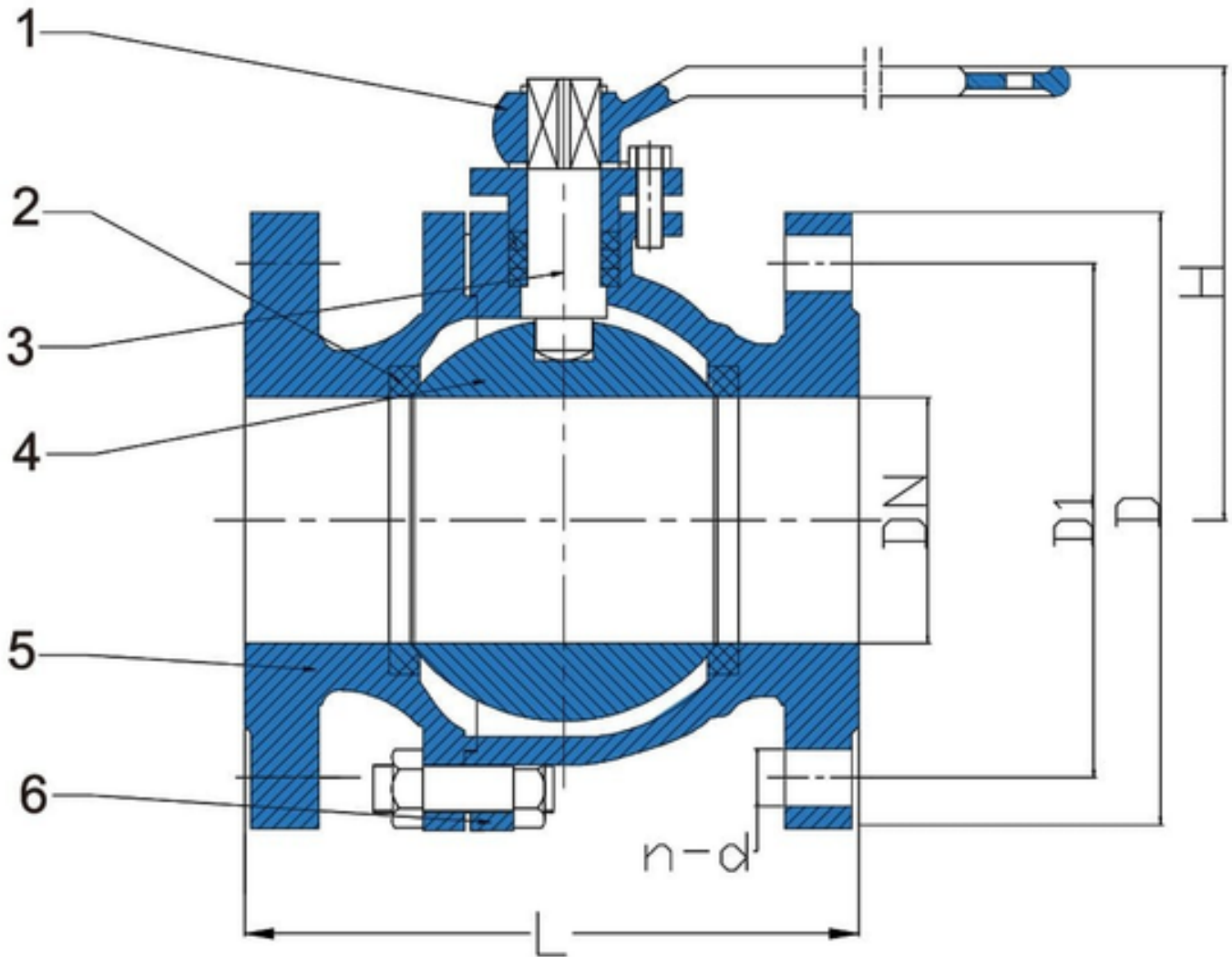
## OPTIONS & NOTES

- Locking device is available
- Available in various sizes, pressure ratings, and connection types

BALL VALVE

# Pneumatic Actuator Ball Valve

SECTION Technical drawing 1 REF EFC-292



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Pneumatic Actuator Ball Valve

SECTION Dimensions per size REF EFC-292

SIZE	L	H	D	D1	N-D
DN15	115	59	95	65	4-15
DN20	120	63	105	75	4-15
DN25	125	75	115	85	4-15
DN32	130	86	140	100	4-19
DN40	140	105	150	110	4-19
DN50	150	115	165	125	4-19
DN65	170	135	185	145	4-19
DN80	180	155	200	160	8-19
DN100	190	170	220	180	8-19
DN125	325	195	250	210	8-19
DN150	350	240	285	240	8-23
DN200	400	295	340	295	12-23

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Stainless Steel Ball Valve

REF **EFC-306** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN200</b>
Pressure	<b>PN16 to PN25</b>
End connection	<b>flanged (ANSI) / flanged (ANSI) / flanged (DIN) / flanged (DIN) / flanged (BS) / flanged (UNI) / flanged (ISO) / flanged (AS) / flanged (JIS) / threaded</b>
Face-to-face	<b>API609, BS5155, DIN3202, ISO5752</b>
Temperature	<b>-20°C to 425°C</b>
Media	<b>Water, Oil, Gas, Acid, Steam</b>

## ACTUATION

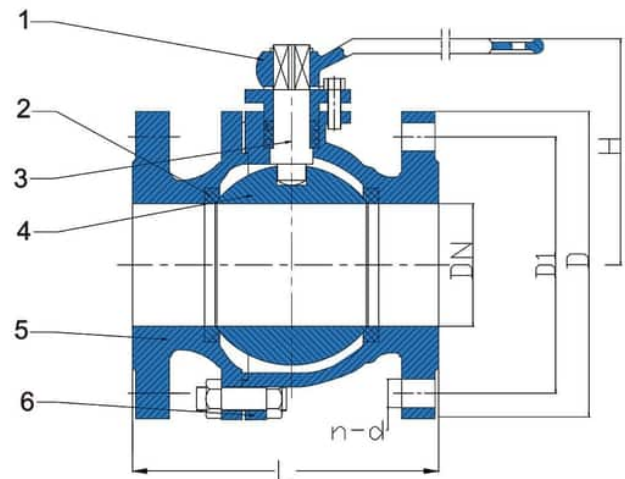
- manual lever — Locking device available — ISO5211
- actuated — Actuator type not specified — ISO5211

## STANDARDS

Test	<b>API 598</b>
------	----------------

## APPLICATIONS

- HVAC
- Water Supply & Sewage
- Food & Beverage
- Chemical/Petrochemical/Processing
- Power & Utilities
- Paper and Pulp
- Ship Building



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>CF8, CF8M, CF3, CF3M</b>	Bonnet	<b>CF8, CF8M, CF3, CF3M</b>
Ball	<b>SS304, SS316, SS316L</b>	Seat	<b>PTFE, RPTFE</b>
Stem	<b>SS304, SS316, SS316L</b>	Wrench	<b>WCB, SS304</b>
Disc	<b>SS304, SS316, SS316L</b>		

**FEATURES**

- Blow-out proof stem
- Investment casting body
- Pressure balance hole in ball slot
- Full bore
- Threaded end types available: NPT, PT, BSP, BSPP, BSPT, DIN, Rc, Rp
- Locking device available
- Quarter-turn operation
- Two-piece and three-piece body styles available
- 2-piece flanged ball valve construction
- Full bore (full port) design
- Lever operated with lockable handle
- Raised face flanges
- Stem with blue packing gland adjustment nut
- Body cast material marked CF8 (equivalent to 304 stainless steel casting grade)
- Bolted body joint (split body)
- Drain/blowdown plug fitted to lower body (item 6)

**OPTIONS & NOTES**

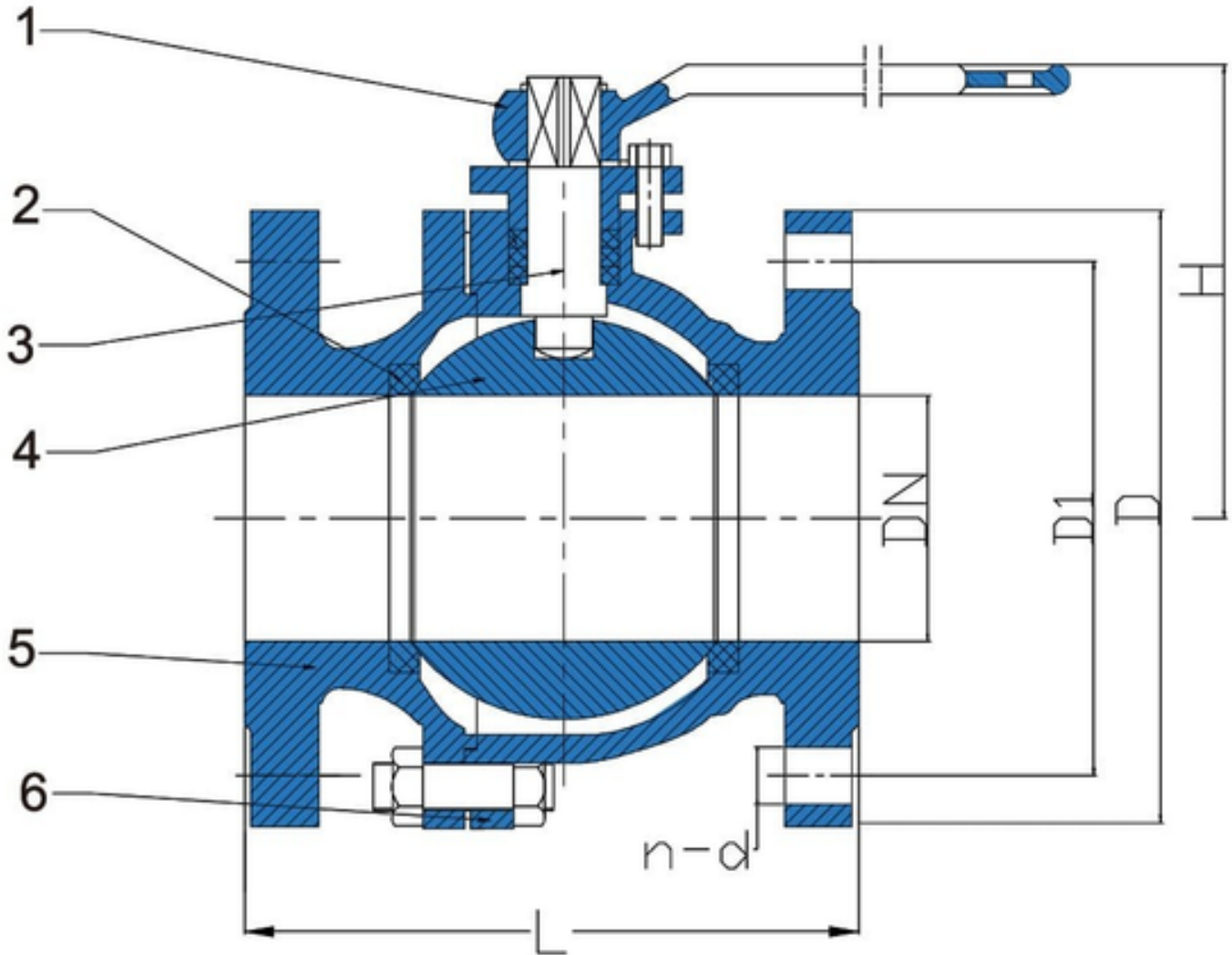
- Threaded type: NPT, PT, BSP, BSPP, BSPT, DIN, Rc, Rp is available
- Locking device is available

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Stainless Steel Ball Valve

SECTION Technical drawing 1 REF EFC-306



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# Stainless Steel Ball Valve

SECTION Dimensions per size REF EFC-306

SIZE	L	H	D	D1	N-D
DN15	115	59	95	65	4-15
DN20	120	63	105	75	4-15
DN25	125	75	115	85	4-15
DN32	130	86	140	100	4-19
DN40	140	105	150	110	4-19
DN50	150	115	165	125	4-19
DN65	170	135	185	145	4-19
DN80	180	155	200	160	8-19
DN100	190	170	220	180	8-19
DN125	325	195	250	210	8-19
DN150	350	240	285	240	8-23
DN200	400	295	340	295	12-23

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

BALL VALVE

## 304 Stainless Steel ISO Top Full Bore Ball Valve

REF **EFC-415** ISSUED 08 Jul 2026

### SPECIFICATIONS

Size	<b>DN15 to DN100</b>
Pressure	<b>40 bar</b>
End connection	<b>flanged (EN 1092) / flanged (EN 1092) / flanged (EN 1092) / flanged (EN 1092)</b>
Temperature	<b>-20°C to 180°C</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-415** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

**MATERIALS**

Body	<b>CF8</b>	Seat	<b>PTFE</b>
Ball	<b>SS 304</b>	Flange	<b>CF8</b>
Thrust gasket	<b>PTFE</b>	Stem	<b>SS 304</b>
Stud	<b>SS 304</b>	Nut	<b>SS 304</b>
Packing	<b>PTFE</b>	Gland nut	<b>SS 304</b>
Handle	<b>SS 201 + PVC</b>	Lock	<b>SS 201</b>

**ACTUATION TORQUE**

<b>Size</b>	<b>40 bar N·m</b>	<b>16 bar N·m</b>
DN15	<b>8</b>	<b>5</b>
DN20	<b>8</b>	<b>6</b>
DN25	<b>10</b>	<b>8</b>
DN32	<b>20</b>	<b>15</b>
DN40	<b>25</b>	<b>20</b>
DN50	<b>35</b>	<b>25</b>
DN65	<b>50</b>	<b>40</b>
DN80	<b>90</b>	<b>60</b>
DN100	<b>175</b>	<b>120</b>

*Wet opening torque, indicative. Size the actuator with margin and confirm at quotation.*

BALL VALVE

## 304 Stainless Steel ISO Top Full Bore Ball Valve

SECTION Dimensions per size REF EFC-415

SIZE	D	K	NXD	L	H	W	WEIGHT
DN15 (PN10)	95	65	4x14	130	63	130	2.07 kg
DN15 (PN16)	95	65	4x14	130	63	130	2.07 kg
DN15 (PN25)	95	65	4x14	130	63	130	2.07 kg
DN15 (PN40)	95	65	4x14	130	63	130	2.07 kg
DN20 (PN10)	105	75	4x14	150	74	130	2.81 kg
DN20 (PN16)	105	75	4x14	150	74	130	2.81 kg
DN20 (PN25)	105	75	4x14	150	74	130	2.81 kg
DN20 (PN40)	105	75	4x14	150	74	130	2.81 kg
DN25 (PN10)	115	85	4x14	160	86	170	3.61 kg
DN25 (PN16)	115	85	4x14	160	86	170	3.61 kg
DN25 (PN25)	115	85	4x14	160	86	170	3.61 kg
DN25 (PN40)	115	85	4x14	160	86	170	3.61 kg
DN32 (PN10)	140	100	4x18	180	95	170	5.23 kg
DN32 (PN16)	140	100	4x18	180	95	170	5.23 kg
DN32 (PN25)	140	100	4x18	180	95	170	5.23 kg
DN32 (PN40)	140	100	4x18	180	95	170	5.23 kg
DN40 (PN10)	150	110	4x18	200	116	195	6.46 kg
DN40 (PN16)	150	110	4x18	200	116	195	6.46 kg
DN40 (PN25)	150	110	4x18	200	116	195	6.46 kg
DN40 (PN40)	150	110	4x18	200	116	195	6.46 kg
DN50 (PN10)	165	125	4x18	230	122	195	8.22 kg
DN50 (PN16)	165	125	4x18	230	122	195	8.22 kg
DN50 (PN25)	165	125	4x18	230	122	195	8.22 kg
DN50 (PN40)	165	125	4x18	230	122	195	8.22 kg
DN65 (PN10)	185	145	4x18	290	147	245	11.8 kg
DN65 (PN16)	185	145	4x18	290	147	245	11.8 kg
DN65 (PN25)	185	145	8x18	290	147	245	11.8 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## 304 Stainless Steel ISO Top Full Bore Ball Valve

Dimensions per size (continued) · EFC-415

SIZE	D	K	NXD	L	H	W	WEIGHT
<b>DN65 (PN40)</b>	185	145	8x18	290	147	245	11.8 kg
<b>DN80 (PN10)</b>	200	160	8x18	310	153	275	15.5 kg
<b>DN80 (PN16)</b>	200	160	8x18	310	153	275	15.5 kg
<b>DN80 (PN25)</b>	200	160	8x18	310	153	275	15.5 kg
<b>DN80 (PN40)</b>	200	160	8x18	310	153	275	15.5 kg
<b>DN100 (PN10)</b>	220	180	8x18	350	167	295	22.47 kg
<b>DN100 (PN16)</b>	220	180	8x18	350	167	295	22.47 kg
<b>DN100 (PN25)</b>	235	190	8x22	350	167	295	22.47 kg
<b>DN100 (PN40)</b>	235	190	8x22	350	167	295	22.47 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

BALL VALVE

## 316 Stainless Steel ISO Top Full Bore Ball Valve

REF **EFC-416** ISSUED 08 Jul 2026

### SPECIFICATIONS

Size	<b>DN15 to DN100</b>
Pressure	<b>40 bar</b>
End connection	<b>flanged (EN 1092) / flanged (EN 1092) / flanged (EN 1092) / flanged (EN 1092)</b>
Temperature	<b>-20°C to 180°C</b>
Media	<b>Water, Oil, Gas</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-416** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

**MATERIALS**

Body	<b>CF8M</b>	Seat	<b>PTFE</b>
Ball	<b>SS 316</b>	Flange	<b>CF8M</b>
Thrust gasket	<b>PTFE</b>	Stem	<b>SS 316</b>
Stud	<b>SS 304</b>	Nut	<b>SS 304</b>
Packing	<b>PTFE</b>	Gland nut	<b>SS 304</b>
Nut 11	<b>SS 304</b>	Handle	<b>SS 201 + PVC</b>
Lock	<b>SS 201</b>		

**FEATURES**

- Full bore
- 3-piece body
- ISO mounting pad (ISO 5211)

**ACTUATION TORQUE**

Size	40 bar N·m	16 bar N·m
DN15	8	5
DN20	8	6
DN25	10	8
DN32	20	15
DN40	25	20
DN50	35	25
DN65	50	40
DN80	90	60
DN100	175	120

*Wet opening torque, indicative. Size the actuator with margin and confirm at quotation.*

BALL VALVE

## 316 Stainless Steel ISO Top Full Bore Ball Valve

SECTION Dimensions per size REF EFC-416

SIZE	ØD	ØK	L	H	W	WEIGHT
DN15 (PN10)	95	65	130	63	130	2.07 kg
DN15 (PN16)	95	65	130	63	130	2.07 kg
DN15 (PN25)	95	65	130	63	130	2.07 kg
DN15 (PN40)	95	65	130	63	130	2.07 kg
DN20 (PN10)	105	75	150	74	130	2.81 kg
DN20 (PN16)	105	75	150	74	130	2.81 kg
DN20 (PN25)	105	75	150	74	130	2.81 kg
DN20 (PN40)	105	75	150	74	130	2.81 kg
DN25 (PN10)	115	85	160	86	170	3.61 kg
DN25 (PN16)	115	85	160	86	170	3.61 kg
DN25 (PN25)	115	85	160	86	170	3.61 kg
DN25 (PN40)	115	85	160	86	170	3.61 kg
DN32 (PN10)	140	100	180	95	170	5.23 kg
DN32 (PN16)	140	100	180	95	170	5.23 kg
DN32 (PN25)	140	100	180	95	170	5.23 kg
DN32 (PN40)	140	100	180	95	170	5.23 kg
DN40 (PN10)	150	110	200	116	195	6.46 kg
DN40 (PN16)	150	110	200	116	195	6.46 kg
DN40 (PN25)	150	110	200	116	195	6.46 kg
DN40 (PN40)	150	110	200	116	195	6.46 kg
DN50 (PN10)	165	125	230	122	195	8.22 kg
DN50 (PN16)	165	125	230	122	195	8.22 kg
DN50 (PN25)	165	125	230	122	195	8.22 kg
DN50 (PN40)	165	125	230	122	195	8.22 kg
DN65 (PN10)	185	145	290	147	245	11.8 kg
DN65 (PN16)	185	145	290	147	245	11.8 kg
DN65 (PN25)	185	145	290	147	245	11.8 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## 316 Stainless Steel ISO Top Full Bore Ball Valve

Dimensions per size (continued) · EFC-416

SIZE	ØD	ØK	L	H	W	WEIGHT
<b>DN65 (PN40)</b>	185	145	290	147	245	11.8 kg
<b>DN80 (PN10)</b>	200	160	310	153	275	15.5 kg
<b>DN80 (PN16)</b>	200	160	310	153	275	15.5 kg
<b>DN80 (PN25)</b>	200	160	310	153	275	15.5 kg
<b>DN80 (PN40)</b>	200	160	310	153	275	15.5 kg
<b>DN100 (PN10)</b>	220	180	350	167	295	22.47 kg
<b>DN100 (PN16)</b>	220	180	350	167	295	22.47 kg
<b>DN100 (PN25)</b>	235	190	350	167	295	22.47 kg
<b>DN100 (PN40)</b>	235	190	350	167	295	22.47 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

BALL VALVE

# Ball Valve, Full Bore

REF **EFC-417** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN250</b>
Pressure	<b>PN10, PN16, PN25, PN40</b>
End connection	<b>flanged (EN 1092-1) / flanged (EN 1092-1) / flanged (EN 1092-1) / flanged (EN 1092-1)</b>
Face-to-face	<b>EN 558 Serie 14, DIN 3202 F4, EN 558 Serie 15, DIN 3202 F5</b>

## STANDARDS

Design	<b>DIN 3357</b>
Test	<b>EN 12266</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>WCB, SS 304, SS 316</b>	Bonnet	<b>WCB, SS 304, SS 316</b>
Screw	<b>SS 304 (A2)</b>	Gasket	<b>PTFE</b>
Seat	<b>PTFE</b>	Ball	<b>SS 304, SS 316</b>
Stem	<b>SS 304, SS 316</b>	Thrust gasket	<b>PTFE</b>
O ring	<b>Viton</b>	Packing	<b>PTFE</b>
Gland	<b>SS 304</b>	Spring washer	<b>SS 304</b>
Screw nut	<b>SS 304 (A2)</b>	Nut	<b>SS 304</b>
Lock	<b>SS 201</b>	Lever	<b>SS 201 + PVC</b>

**ACTUATION TORQUE**

Size
DN15
DN20
DN25
DN32
DN40
DN50
DN65
DN80
DN100
DN125
DN150

*Wet opening torque, indicative. Size the actuator with margin and confirm at quotation.*

**OPTIONS & NOTES**

- Stem square (SxS) shown is the PN16 figure; PN40 large-bore sizes use larger squares.

BALL VALVE

# Ball Valve, Full Bore

SECTION Dimensions per size REF EFC-417

SIZE	D	K	N-D	L	WEIGHT
DN15 (PN10)	95	65	4-14	115	2.4 kg
DN15 (PN16)	95	65	4-14	115	2.4 kg
DN15 (PN25)	95	65	4-14	115	2.4 kg
DN15 (PN40)	95	65	4-14	115	2.4 kg
DN20 (PN10)	105	75	4-14	120	3.1 kg
DN20 (PN16)	105	75	4-14	120	3.1 kg
DN20 (PN25)	105	75	4-14	120	3.1 kg
DN20 (PN40)	105	75	4-14	120	3.1 kg
DN25 (PN10)	115	85	4-14	125	3.9 kg
DN25 (PN16)	115	85	4-14	125	3.9 kg
DN25 (PN25)	115	85	4-14	125	3.9 kg
DN25 (PN40)	115	85	4-14	125	3.9 kg
DN32 (PN10)	140	100	4-14	130	5.4 kg
DN32 (PN16)	140	100	4-14	130	5.4 kg
DN32 (PN25)	140	100	4-14	130	5.4 kg
DN32 (PN40)	140	100	4-14	130	5.4 kg
DN40 (PN10)	150	110	4-18	140	6.3 kg
DN40 (PN16)	150	110	4-18	140	6.3 kg
DN40 (PN25)	150	110	4-18	140	6.3 kg
DN40 (PN40)	150	110	4-18	140	6.3 kg
DN50 (PN10)	165	125	4-18	150	8.3 kg
DN50 (PN16)	165	125	4-18	150	8.3 kg
DN50 (PN25)	165	125	4-18	150	8.3 kg
DN50 (PN40)	165	125	4-18	150	8.3 kg
DN65 (PN10)	185	145	8-18	170	11.7 kg
DN65 (PN16)	185	145	8-18	170	11.7 kg
DN65 (PN25)	185	145	8-18	170	11.7 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Ball Valve, Full Bore

Dimensions per size (continued) · EFC-417

SIZE	D	K	N-D	L	WEIGHT
DN65 (PN40)	185	145	8-18	170	11.7 kg
DN80 (PN10)	200	160	8-18	180	14.3 kg
DN80 (PN16)	200	160	8-18	180	14.3 kg
DN80 (PN25)	200	160	8-18	180	14.3 kg
DN80 (PN40)	200	160	8-18	180	14.3 kg
DN100 (PN10)	220	180	8-18	190	17.1 kg
DN100 (PN16)	220	180	8-18	190	17.1 kg
DN100 (PN25)	235	190	8-18	190	17.1 kg
DN100 (PN40)	235	190	8-18	190	17.1 kg
DN125 (PN10)	250	210	8-22	325	32.3 kg
DN125 (PN16)	250	210	8-22	325	32.3 kg
DN125 (PN25)	270	220	8-22	325	32.3 kg
DN125 (PN40)	270	220	8-22	325	32.3 kg
DN150 (PN10)	285	240	8-22	350	42.3 kg
DN150 (PN16)	285	240	8-22	350	42.3 kg
DN150 (PN25)	300	250	8-26	350	42.3 kg
DN150 (PN40)	300	250	8-26	350	42.3 kg
DN200 (PN10)	340	295	8-22	400	69.9 kg
DN200 (PN16)	340	295	12-22	400	69.9 kg
DN200 (PN25)	360	310	12-26	400	69.9 kg
DN200 (PN40)	375	320	12-30	400	69.9 kg
DN250 (PN10)	395	350	12-22	450	157 kg
DN250 (PN16)	405	355	12-26	450	157 kg
DN250 (PN25)	425	370	12-30	450	157 kg
DN250 (PN40)	450	385	12-33	450	157 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

BALL VALVE

# SS 2PC Ball Valve - BSP (ISO 5211)

REF **EFC-418** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN8 to DN100</b>
Pressure	<b>69 bar (1000 PSI)</b>
End connection	<b>threaded (BSPT ISO 7-1)</b>
Temperature	<b>-20°C to 180°C</b>
Media	<b>Water, Oil, Gas</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-418** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

**MATERIALS**

Body	<b>WCB, CF8, CF8M</b>	Seat	<b>PTFE</b>
Ball	<b>SS 304, SS 316</b>	Stem	<b>SS 304, SS 316</b>
Thrust gasket	<b>PTFE</b>	Bonnet	<b>WCB, CF8, CF8M</b>
Gasket	<b>PTFE</b>	Packing	<b>PTFE</b>
Gland	<b>SS201, SS 304</b>	Spring washer	<b>SS201, SS 304</b>
Gland nut	<b>SS201, SS 304</b>	Handle	<b>SS 201 + PVC</b>
Lock	<b>SS 201</b>		

**ACTUATION TORQUE**

Size
DN8
DN10
DN15
DN20
DN25
DN32
DN40
DN50
DN65
DN80
DN100

*Wet opening torque, indicative. Size the actuator with margin and confirm at quotation.*

BALL VALVE

# SS 2PC Ball Valve - BSP (ISO 5211)

SECTION Dimensions per size REF EFC-418

SIZE	BSPT	D	L	H	W	TOP FLANGE	SXS	WEIGHT
DN8	1/4"	8	61	65	125	F03/F04	9	0.415 kg
DN10	3/8"	10	61	65	125	F03/F04	9	0.418 kg
DN15	1/2"	15	61	65	125	F03/F04	9	0.4585 kg
DN20	3/4"	20	71	70	125	F03/F04	9	0.586 kg
DN25	1"	25	81	85	155	F04/F05	11	0.96 kg
DN32	1-1/4"	32	97	90	155	F04/F05	11	1.34 kg
DN40	1-1/2"	38	105	110	185	F05/F07	14	1.7875 kg
DN50	2"	49	120	115	185	F05/F07	14	2.32 kg
DN65	2-1/2"	65	145	145	260	F07/F10	17	4.9575 kg
DN80	3"	80	168	155	260	F07/F10	17	6.94 kg
DN100	4"	100	204	170	300	F07/F10	19	10.9825 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BALL VALVE

# DBB Ball Valve (Twin Ball)

REF **EFC-446** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>NPS 2" / DN50 to NPS 60" / DN1500</b>
Pressure	<b>Class 150 / PN10 to Class 2500 / PN420</b>
Temperature	<b>-60°C to 250°C</b>
Media	<b>Water, Petrochemical fluids, Metallurgical process fluids, Mining fluids, Textile process fluids, Energy sector fluids, Paper process fluids, Food grade fluids, Steel process fluids</b>

## ACTUATION

- Manual
- Electric actuator
- Pneumatic actuator
- ESDV+MOV configuration
- ESDV+XV configuration

## APPLICATIONS

- Water supply pipelines
- Petrochemical pipelines
- Metallurgy
- Mining
- Textile
- Energy
- Paper
- Food processing
- Steel industry
- Flow direction switching
- Fluid shunting or mixing



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

---

Body **Carbon Steel, Stainless Steel, Alloy Steel**

---

## FEATURES

---

- Double block and bleed isolation achieved within a single valve body via bleed port between obturators
- Reduced space and weight compared to two separate isolation valves plus bleed valve
- Minimised leak paths
- Increased line structural integrity
- Anti blow-out / low emission stems
- Fire safe design
- Anti-static design
- Independent ball and stem
- Self-aligning trims
- Self-relieving / double piston effect seats
- Floating seats
- Soft or metal seated options available

## OPTIONS & NOTES

---

- Technical specification available for download (not detailed on page)
- Operator options listed as 'Manual, electric, pneumatic, etc.' — additional options not specified

BALL VALVE

# Rising Stem Ball Valve

REF **EFC-450** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN600</b>
Pressure	<b>Class 150 to Class 2500</b>
Temperature	<b>-196°C to 538°C</b>
Media	<b>Petroleum, Chemical media, Media with particulates (sand, short fibres), Oil, Gas, Natural gas, Water</b>

## ACTUATION

- Manual handwheel — Low torque; gearbox not required except in very large sizes
- Pneumatic
- Electric

## APPLICATIONS

- Exhaust
- Fluid transfer
- Pipeline isolation
- Bypass
- Product segmentation
- Emergency shutdown
- High switching frequency service
- High-temperature zero-leakage service
- Petroleum industry
- Chemical industry
- Metallurgy
- Light industry
- Power stations
- Urban water supply
- Cryogenic service
- Long-distance oil and gas pipelines



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

---

Body                      **Carbon Steel, Stainless Steel, Alloy Steel**    Ball sealing surface    **Hard alloy overlay**

---

## FEATURES

---

- Ball lifts away from seat before rotation, eliminating ball-to-seat friction during opening and closing
- Zero downstream leakage achieved by single static seat design
- Single seat design avoids pressure build-up associated with double-seated designs
- Mechanical wedge seal: inclined surface at base of stem creates wedge force to maintain tight ball-to-seat contact
- Self-cleaning: when ball is off seat, medium flows 360° around the sealing surface removing debris
- Top entry design allows inline inspection and maintenance after pipeline depressurisation
- Dual stem guides ensure smooth linear travel and rotation along guide pins
- Injectable packing port on stem for online emission control and maintenance (applicable to models with sealed cover)
- All-metal, fire-resistant construction
- Hard alloy overlay on ball sealing surfaces, polished for seal integrity
- Low operating torque; small handwheel sufficient for most sizes without gearbox
- Full-bore and reduced-bore options both maintain high Cv values when open
- NACE compliant for corrosive and sulphide stress cracking environments

## OPTIONS & NOTES

---

- Gearbox required for very large sizes
- Injectable packing applicable to all models with a sealed cover
- Technical specification available as download (content not provided on page)

BALL VALVE

# Insulation Jacket Ball Valve

REF **EFC-452** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN600</b>
Pressure	<b>PN16 / Class 150 to PN420 / Class 2500</b>
Temperature	<b>-40°C to 200°C</b>
Media	<b>Steam, Heat transfer oil, Chemical fluids, Petroleum, High-viscosity media, Media that solidify at room temperature, Food-grade fluids</b>

## ACTUATION

- Manual handle
- Worm gear
- Pneumatic
- Electric

## COATINGS & LINING

- Ball surface hardening treatment (wear-resistant and corrosion-resistant)

## APPLICATIONS

- Chemical industry
- Petroleum industry
- Heat supply systems
- Pharmaceutical industry
- Metallurgical industry
- Food industry
- High-viscosity fluid transportation
- Fluids prone to solidification at ambient temperature



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

---

Body	<b>Carbon steel, Stainless steel, Alloy steel</b>	Seat	<b>PTFE, Metal hard seal</b>
------	---	------	------------------------------

---

**FEATURES**

- Jacketed insulation structure allowing circulation of steam, heat transfer oil, or other insulation media to maintain fluid temperature
- PTFE or metal hard-seal valve seats providing high-temperature and corrosion resistance with zero-leakage performance
- Body forged from stainless steel or carbon steel with special heat treatment; rated for temperatures exceeding 300 °C
- Full-bore (full-diameter) design aligns flow passage with pipeline inner diameter, reducing pressure drop
- Multiple actuation options: handle, worm gear, pneumatic, or electric
- Modular design facilitating disassembly and maintenance
- Ball surface hardened for wear and corrosion resistance
- Valve stem blow-out prevention design
- Rapid opening and closing action
- Size range DN15 - DN600 (NPS ½ - NPS 24)
- Pressure range PN16 - PN420 / Class 150 - Class 2500

**OPTIONS & NOTES**

- Technical specification download available on product page (content not published in page text)

BALL VALVE

# PDS Ball Valve

REF **EFC-456** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>NPS 2" to NPS 10"</b>
Pressure	<b>Class 150 to Class 2500</b>
End connection	<b>flanged</b>
Temperature	<b>-46°C to 538°C</b>
Media	<b>petroleum, chemical media, metallurgical process fluids, light industrial fluids, power station fluids, water (urban supply), oil (pipeline), gas (pipeline), natural gas (pipeline), abrasive media</b>

## ACTUATION

- manual
- pneumatic
- electric

## COATINGS & LINING

- Hypersonic spraying (HVOF-type) surface treatment on ball and seat; bond strength 210,000 psi

## APPLICATIONS

- Petrochemical industry
- Power generation
- Mining
- Oil and gas pipelines
- Metallurgy
- Light industry
- Urban water supply
- Long-distance oil, gas and natural gas transmission pipelines
- Low-temperature service



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

---

Body	<b>Carbon Steel, Stainless Steel, Alloy Steel</b>	Ball	<b>Alloy Steel (hardened)</b>
Seat	<b>Metal-to-metal (hardened)</b>		

---

## FEATURES

---

- Side-entry body design for in-line maintenance and installation in compact spaces
- Bolted body construction for structural stability under high pressure
- Anti-blowout stem design prevents stem dislocation under extreme pressure
- Double block and bleed (DBB) system with dual isolation and bleed capability
- Automatic cavity relief to prevent accidental overpressure
- Metal-to-metal (hard) seating for seal integrity at high temperatures and in corrosive environments
- Hypersonic spraying surface technology for improved wear and corrosion resistance
- Coating bond strength of 210,000 psi
- Anti-coking and self-cleaning design to reduce maintenance frequency and extend service life

## OPTIONS & NOTES

---

- Operator options listed as 'Manual, Pneumatic, Electric, etc...' — additional actuation types available on request
- Technical specification document available for download (content not extracted)

BALL VALVE

# Pig Valve

REF EFC-457 ISSUED 08 Jul 2026

## SPECIFICATIONS

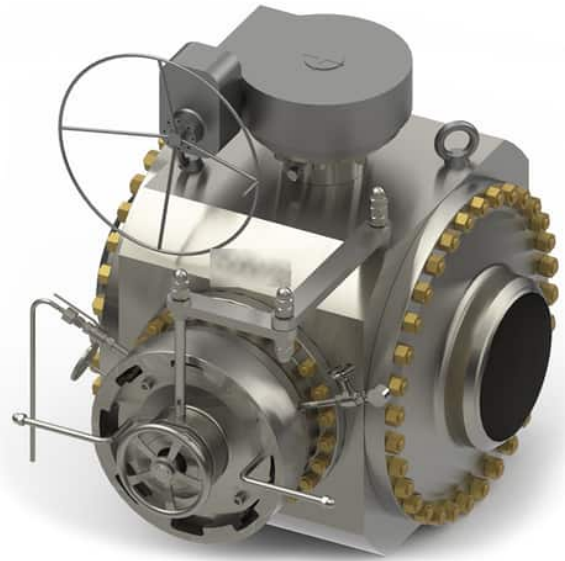
Size	<b>NPS 2" to NPS 24"</b>
Pressure	<b>Class 150 to Class 2500</b>
Temperature	<b>-60°C to 300°C</b>
Media	<b>petroleum, chemical industry fluids, metallurgical process fluids, light industry fluids, water (power station and urban supply), oil, gas, natural gas</b>

## ACTUATION

- Manual
- Pneumatic
- Electric

## APPLICATIONS

- Petroleum
- Chemical industry
- Metallurgy
- Light industry
- Power stations
- Urban water supply
- Low temperature working conditions
- Long-distance oil pipelines
- Long-distance gas pipelines
- Long-distance natural gas pipelines



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-457** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

## MATERIALS

---

Body **Stainless Steel, Alloy Steel**

---

## FEATURES

---

- Bolted body available in side or top-mounted configurations
- Fixed ball design for stability and reliability
- Fire-safe construction
- Anti-static properties
- Blow-out-proof stem design
- Emergency grease injection capability
- Automatic body cavity pressure relief
- Supports DBB (Double Block and Bleed) seating configuration
- Supports DIB-1 seating configuration
- Supports DIB-2 seating configuration
- Choice of soft or hard seat options
- Pressure rating: PN 10~420 / Class 150~2500
- Size range: DN 50~600 / NPS 2"~24"

## OPTIONS & NOTES

---

- Technical Specification available as download (content not provided on page)
- Operator options listed as 'Manual, Pneumatic, Electric, etc' — additional options available on request

BALL VALVE

# C-Type Wear-resistant Ball Valve

REF **EFC-458** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN50 to DN900</b>
Pressure	<b>Class 150 to Class 1500</b>
Temperature	<b>-196°C to 200°C</b>
Media	<b>petroleum, chemical industry fluids, metallurgical process media, light industry fluids, water, oil, gas, natural gas, LNG, cryogenic media</b>

## ACTUATION

- Manual
- Pneumatic
- Electric

## APPLICATIONS

- Coal chemical
- Petrochemical
- Offshore platforms
- LNG
- Metallurgy
- Light industry
- Power stations
- Urban construction water supply
- Long-distance oil, gas, and natural gas pipelines



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

---

Body	<b>Carbon Steel, Stainless Steel</b>	Ball sealing surface	<b>Hard Alloy</b>
------	--------------------------------------	----------------------	-------------------

---

## FEATURES

---

- Eccentric ball setting with 'C'-shaped channel produces wedging effect against valve seat during rotation, enhancing sealing
- Frictionless switching: ball lifts away from seat before rotation, preventing seat contact during travel
- Single seat design prevents downstream leakage and internal pressure build-up
- Self-cleaning: media flows 360° around the seal as ball moves away from seat, clearing debris
- Low operating torque due to absence of friction on sealing surfaces
- Hard alloy reinforcement on ball sealing surface for durability in harsh conditions
- Full bore design provides unobstructed flow path with no dead zones
- Bidirectional shutoff capability
- Suitable for high and low temperature extremes and frequent operation cycles
- Upper and lower support axis positioning structure ensures sphere stability and prevents tilting

## OPTIONS & NOTES

---

- Technical Specification fields (Design Standard, Pressure Temperature Rate, Face to Face, Flange Standard, Welding, Fire Safe, Pressure Test) are listed but not populated on the page — details available on request.
- NPS range also stated as NPS 2"–36"; PN range also stated as PN 10–250.
- Actuation options include 'etc.' implying additional actuator types available on request.

GLOBE VALVE

# API Globe Valve

REF **EFC-4** ISSUED **08 Jul 2026**

## SPECIFICATIONS

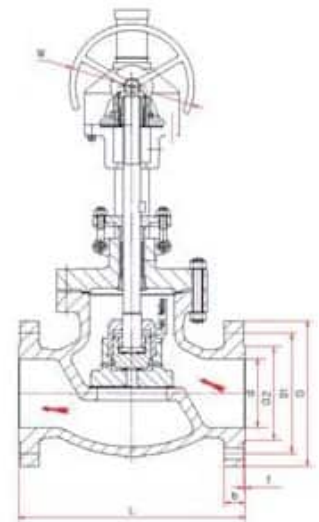
Size	<b>NPS 2" to NPS 24"</b>
Pressure	<b>Class 150 to Class 900</b>
End connection	<b>flanged (ASME B16.5) / flanged (ASME B16.47) / butt-weld (B16.25) / socket-weld / threaded (B16.11)</b>
Face-to-face	<b>ASME B16.10</b>
Temperature	<b>-29°C to 425°C</b>
Media	<b>Water, Steam, Oil</b>

## ACTUATION

- handwheel — Standard for smaller sizes
- gear operator — CLASS 150LB: required from 14" and above; CLASS 300LB: required from 14" and above; CLASS 600LB: required from 10" and above; CLASS 900LB: required from 10" and above

## STANDARDS

Design	<b>BS 1873</b>
Test	<b>API 598</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>ASTM A216 WCB+13CR, ASTM A216 WCB+STL, ASTM A351 CF8, ASTM A351 CF8M</b>	Disc	<b>ASTM A216 WCB+13CR, ASTM A216 WCB+STL, ASTM A351 CF8, ASTM A351 CF8M</b>
Stem	<b>ASTM A182 F6A, ASTM A182 F304, ASTM A182 F316</b>	Sleeve	<b>CARBON STEEL, ASTM A182 F304, ASTM A182 F316</b>
Bolt	<b>ASTM A193 B7, ASTM A193 B8</b>	Nut	<b>ASTM A194 2H, ASTM A194 8</b>
Gasket	<b>GRAPHITE+SS304, GRAPHITE+SS316</b>	Bonnet	<b>ASTM A216 WCB, ASTM A351 CF8, ASTM A351 CF8M</b>
Back seat	<b>A182 F6A, ASTM A351 CF8, ASTM A351 CF8M</b>	Packing	<b>GRAPHITE, GRAPHITE or PTFE</b>
Gland	<b>A182 F6A, A182 F304, A182 F316</b>	Gland flange	<b>ASTM A216 WCB, ASTM A351 CF8</b>
Eye bolt	<b>ASTM A193 B7, ASTM A193 B8</b>	Pin	<b>1025, SS, SS304</b>
Stem nut	<b>COPPER ALLOY or D2</b>	Hand wheel	<b>QT400-18</b>
Nameplate	<b>SS</b>		

**FEATURES**

- Double disc configuration for larger sizes (CLASS 150LB: 10" and above; CLASS 300LB: 8" and above)
- Back seat provision with back seal test
- Gear operator fitted from 10" or 14" depending on pressure class
- Graphite or PTFE packing options for stainless steel variants
- Flanged end connections visible on valve body
- Handwheel operated (manual) globe valve
- Bolted bonnet construction
- Class 300 pressure rating cast on body (image index 6)
- DN100 (4 inch) size marking on body (image index 6)
- Sectional drawing (index 7) shows approximately 18 numbered part callouts including body, bonnet, stem, disc, packing, gland, handwheel and associated fasteners
- Dimensional drawing (index 8) shows key envelope dimensions: L (face-to-face), W (handwheel diameter), H (height), D (flange OD), B (flange thickness), f (raised face height)
- Dimensional drawings (indices 9 and 10) show similar envelope dimensions for different pressure classes or sizes
- Cross-section views indicate inside-screw, rising-stem design

**OPTIONS & NOTES**

- CLASS 150LB 10" and above will be double disc
- CLASS 150LB 14" and above Gear OP.
- CLASS 300LB 8" and above will be double disc
- CLASS 300LB 14" and above Gear OP.
- CLASS 600LB 10" and above Gear OP.
- CLASS 900LB 10" and above Gear OP.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

- Size range stated as NPS 2" to 48" but dimension tables only extend to NPS 24" (150LB), NPS 12" (300LB, 600LB, 900LB)

GLOBE VALVE

# API Globe Valve

SECTION Dimensions per size REF EFC-4

SIZE	D	D	D1	D2	B	FN_BOLT_CIR- CLE	L	H	W
NPS 2" (150LB)	51	152	120.5	92	16	1.6 4-ø19	203	315	200
NPS 2.5" (150LB)	64	178	139.5	105	18	1.6 4-ø19	216	341	220
NPS 3" (150LB)	76	190	152.5	127	19	1.6 4-ø19	241	395	250
NPS 4" (150LB)	102	229	190.5	157	24	1.6 8-ø19	292	436	280
NPS 5" (150LB)	127	254	216	186	24	1.6 8-ø22	356	474	300
NPS 6" (150LB)	152	279	241.5	216	26	1.6 8-ø22	406	530	400
NPS 8" (150LB)	203	343	298.5	270	29	1.6 8-ø22	495	608	450
NPS 10" (150LB)	254	406	362	324	31	1.6 12-ø25	622	897	500
NPS 12" (150LB)	305	483	432	381	32	1.6 12-ø25	698	1018	600
NPS 14" (150LB)	337	533	476	413	35	1.6 12-ø29	787	1168	530
NPS 16" (150LB)	387	597	540	470	37	1.6 16-ø29	914	1328	530
NPS 18" (150LB)	438	635	578	533	40	1.6 16-ø32	978	1508	600
NPS 20" (150LB)	489	699	635	584	43	1.6 20-ø32	978	1628	600
NPS 24" (150LB)	591	813	749.5	693	48	1.6 20-ø35	1295	1740	600
NPS 2" (300LB)	51	165	127	92	23	1.6 8-ø19	267	320	220
NPS 2.5" (300LB)	64	190	149	105	26	1.6 8-ø22	292	395	250
NPS 3" (300LB)	76	210	168.5	127	29	1.6 8-ø22	318	425	300
NPS 4" (300LB)	102	254	200	157	32	1.6 8-ø22	356	465	350
NPS 5" (300LB)	127	279	235	186	35	1.6 8-ø22	400	570	400
NPS 6" (300LB)	152	318	270	216	37	1.6 12-ø22	444.5	562	450
NPS 8" (300LB)	203	381	330	270	42	1.6 12-ø25	559	709	500
NPS 10" (300LB)	254	445	387.5	324	48	1.6 16-ø29	622	856	500
NPS 12" (300LB)	305	521	451	381	51	1.6 16-ø32	711	1006	500
NPS 2" (600LB)	51	165	127	92	26	6.4 8-ø19	292	358	280
NPS 3" (600LB)	76	210	168	127	32	6.4 8-ø22	356	505	300

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## API Globe Valve

Dimensions per size (continued) · EFC-4

SIZE	D	D	D1	D2	B	FN_BOLT_CIR- CLE	L	H	W
<b>NPS 4" (600LB)</b>	102	273	216	157	38	6.4 8-ø25	432	603	400
<b>NPS 6" (600LB)</b>	152	356	292	216	48	6.4 12-ø29	559	752	500
<b>NPS 8" (600LB)</b>	200	419	349	270	56	6.4 12-ø32	660	876	550
<b>NPS 10" (600LB)</b>	248	508	432	324	64	6.4 16-ø35	787	920	650
<b>NPS 12" (600LB)</b>	298	559	489	381	67	6.4 20-ø35	838	1100	530
<b>NPS 2" (900LB)</b>	47	216	165	92	38.5	6.4 8-ø26	368	405	280
<b>NPS 3" (900LB)</b>	73	241	190.5	127	38.5	6.4 8-ø26	381	609	400
<b>NPS 4" (900LB)</b>	98	292	235	157	44.5	6.4 8-ø32	457	654	450
<b>NPS 6" (900LB)</b>	146	381	317.5	216	56	6.4 12-ø32	610	790	600
<b>NPS 8" (900LB)</b>	190	470	393.5	270	63.5	6.4 12-ø38	737	890	600
<b>NPS 10" (900LB)</b>	238	546	470	324	70	6.4 16-ø38	838	1054	530
<b>NPS 12" (900LB)</b>	282	610	533.5	381	79.5	6.4 20-ø38	965	1295	530

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

GLOBE VALVE

# Forged Globe Valve

REF **EFC-5** ISSUED 08 Jul 2026

## SPECIFICATIONS

---



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-5** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

GLOBE VALVE

# Bellows Sealed Globe Valve

REF **EFC-13** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN400</b>
Pressure	<b>PN16 to PN64</b>
End connection	<b>flanged (DIN2543-2545)</b>
Face-to-face	<b>DIN3202</b>
Temperature	<b>-29°C to 425°C</b>
Media	<b>Water, Oil, Gas</b>

## STANDARDS

Test	<b>DIN3230</b>
------	----------------

## APPLICATIONS

- Municipal construction
- Power
- Medicine
- Petroleum industry



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>WCB, CF8, CF8M, CF3, CF3M</b>	Bonnet	<b>WCB, CF8, CF8M, CF3, CF3M</b>
Stem	<b>13Cr, 304, 316</b>	Disc	<b>2Cr13, 304, 316, 304L, 316L</b>
Seat	<b>2Cr13, 304, 316, 304L, 316L</b>	Packing	<b>Flexible graphite, PTFE</b>
Stem nut	<b>STL</b>		

**FEATURES**

- Simple structure
- Stem nut surface nitriding to improve surface hardness
- Medium flange bolts made of high-strength alloy steel with resistance to high temperatures
- Double sealing of packing and bellows for zero leakage
- Bellows located in inner cavity of valve bonnet to avoid direct media contact, extending bellows service life
- Bellows uses 2-4 layer overlap construction to prevent leakage from single-layer bellows damage and extend service life
- DN100 nominal bore visible cast on body
- PN16 pressure rating cast on body
- Material designation GS-C25 cast on body (carbon steel casting grade)
- Flanged end connections
- Handwheel operated
- Rising stem with external thread visible
- Bolted bonnet construction

GLOBE VALVE

# Cast Steel Globe Valve

REF **EFC-16** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN300</b>
Pressure	<b>Class 150 to Class 2500</b>
End connection	<b>flanged / flanged / butt weld (ASME B16.25)</b>
Face-to-face	<b>ASME B16.10</b>
Temperature	<b>null°C to null°C</b>
Media	<b>Water, Steam, Oil, Nitric acid, Acetic acid, Urea</b>

## STANDARDS

Design	<b>API600</b>
Test	<b>API598</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body bonnet	<b>WCB, WC1, WC6, WC9, C5, C12, CF8, CF8M, CF3, CF3M</b>	Stem	<b>2Cr13, 38CrMoAl, 25Cr2MoV, F304, F316, F304L, F316L</b>
Seat	<b>13Cr, STL, Body Material, Nylon</b>	Gasket	<b>Enhanced Flexible Graphite, 13Cr, flexible graphite, 1Cr13, Flexible Graphite, SFB-2, Soft Steal, F304, F316, F304L, F316L</b>
Packing	<b>Flexible Graphite, Enhanced Flexible Graphite, SFB, SFB260, SFP, SFP260, PTFE</b>	Body	<b>WCB (Cast Carbon Steel)</b>
Bonnet	<b>WCB, WC1, WC6, WC9, C5, C12, CF8, CF8M, CF3, CF3M</b>		

**FEATURES**

- Simple structure, convenient manufacturing and maintenance
- Small working stroke and short opening and closing time
- Stem subject to modulation and surface nitriding treatment for corrosion resistance
- Low friction force between sealing surfaces for extended service life
- Body casting marked '8' indicating DN200 / 8 inch nominal bore
- Pressure class marking '150' visible on body (ASME Class 150)
- Body material marking 'WCB' visible on casting
- Flanged end connections
- Rising stem with handwheel operator
- Bolted bonnet construction
- Gland packing visible at stem

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Stainless Steel Globe Valve

REF **EFC-29** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN300</b>
Pressure	<b>PN16 to Class 150</b>
End connection	<b>flanged / flanged / butt weld</b>
Temperature	<b>null°C to 570°C</b>
Media	<b>Water, Steam, Oil, Weak corrosive medium, Nitric acid, Acetic acid, Urea</b>

## COATINGS & LINING

- Shot blasting treatment
- Pickling and passivation

## APPLICATIONS

- Water treatment
- Petrochemical
- Food and medicine
- Electric energy
- Metallurgy



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body bonnet	WCB, WC1, WC6, WC9, C5, C12, CF8, CF8M, CF3, CF3M	Stem	2Cr13, 38CrMoAl, 25Cr2MoV, F304, F316, F304L, F316L
Seat	13Cr, STL, Body Material, Nylon	Gasket	Enhanced Flexible Graphite, 13Cr, flexible graphite, 1Cr13, Flexible Graphite SFB-2, F304, F316, F304L, F316L
Packing	Flexible Graphite, Enhanced Flexible Graphite, SFB, SFB260, SFP, SFP260, PTFE	Disc	CF3, CF3M, CF8, CF8M
Body	WCB, WC1, WC6, WC9, C5, C12, CF8, CF8M, CF3, CF3M	Bonnet	WCB, WC1, WC6, WC9, C5, C12, CF8, CF8M, CF3, CF3M

**FEATURES**

- Precision casting valve body with shot blasting treatment; smooth appearance without porosity defects
- Heavy-type valve body construction
- Inverted seal at bonnet-stem contact surface to prevent leakage
- Valve body pickled and passivated to produce uniform surface finish and improve corrosion resistance
- Shell and seal pressure inspection performed on each valve prior to despatch
- Flanged end connections
- Handwheel operated
- Bolted bonnet construction
- Cast body with raised face flanges
- Body markings indicate DN100 (4 inch) size and Class 150 pressure rating

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Casting steel female thread globe valve

REF **EFC-39** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>1/2" to 4"</b>
Pressure	<b>200 WOG</b>
End connection	<b>threaded (NPT) / threaded (BSPT) / threaded (BSPP)</b>
Temperature	<b>null°C to null°C</b>
Media	<b>oil, gas, water, acid liquid</b>

## APPLICATIONS

- Shut-off service
- Regulation and throttling
- Medium and low pressure service
- High pressure service
- Aerospace equipment



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-39** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

**MATERIALS**

Body	<b>CF8M, CF8</b>	Bonnet	<b>CF8M, CF8</b>
Disc	<b>CF8M, CF8</b>	Body sealing	<b>PTFE</b>
Spring	<b>SS201, SS304, SS316</b>		

**FEATURES**

- Forced sealing action: pressure applied to disc ensures sealing surface does not leak on closure
- Small friction between sealing surfaces during opening and closing
- Sealing surface is not subject to relative sliding between disc and seat during operation, reducing wear
- Short opening/closing stroke
- Lower height than gate valve
- Stem axis perpendicular to seat sealing surface
- Tortuous internal flow channel results in higher fluid resistance compared to gate valve
- When PNd16MPa, downstream (upward) flow direction used; when PNe20MPa, reverse (downward) flow direction used
- Medium flow is unidirectional; flow direction cannot be reversed
- Valve disc subject to erosion when fully open

**OPTIONS & NOTES**

- MOQ: 20 pcs
- Sample available: Yes, sample is free
- Products can be made as per ASME, ANSI, DIN, GB, Europe standard and non-standard products as per customers' drawing and samples

GLOBE VALVE

# Y Type Globe Valve

REF **EFC-62** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN300</b>
Pressure	<b>PN10 to PN40</b>
End connection	<b>flanged (EN 1092-2/B)</b>
Face-to-face	<b>EN 558 Serie 1, DIN 3202 F1</b>

## ACTUATION

- manual handwheel — GG 25 handwheel

## STANDARDS

Design	<b>DIN 3356</b>
Test	<b>EN 12266</b>

## MATERIALS

Body	<b>G-SC 25(GP240GH+N) + Stellite</b>	Seat	<b>1.4301 + Stellite</b>
Disc	<b>1.4301 + Stellite</b>	Disc nut	<b>Ms 58</b>
Bonnet	<b>G-SC 25(GP240GH+N)</b>	Packing	<b>Graphite</b>
Gland	<b>G-SC 25(GP240GH+N)</b>	T stud nut	<b>5.6, 8</b>
Stem	<b>1.4021</b>	Gasket	<b>Klingerite, Graphite</b>
Stud nut	<b>5.6, 8</b>	Handwheel	<b>GG 25</b>

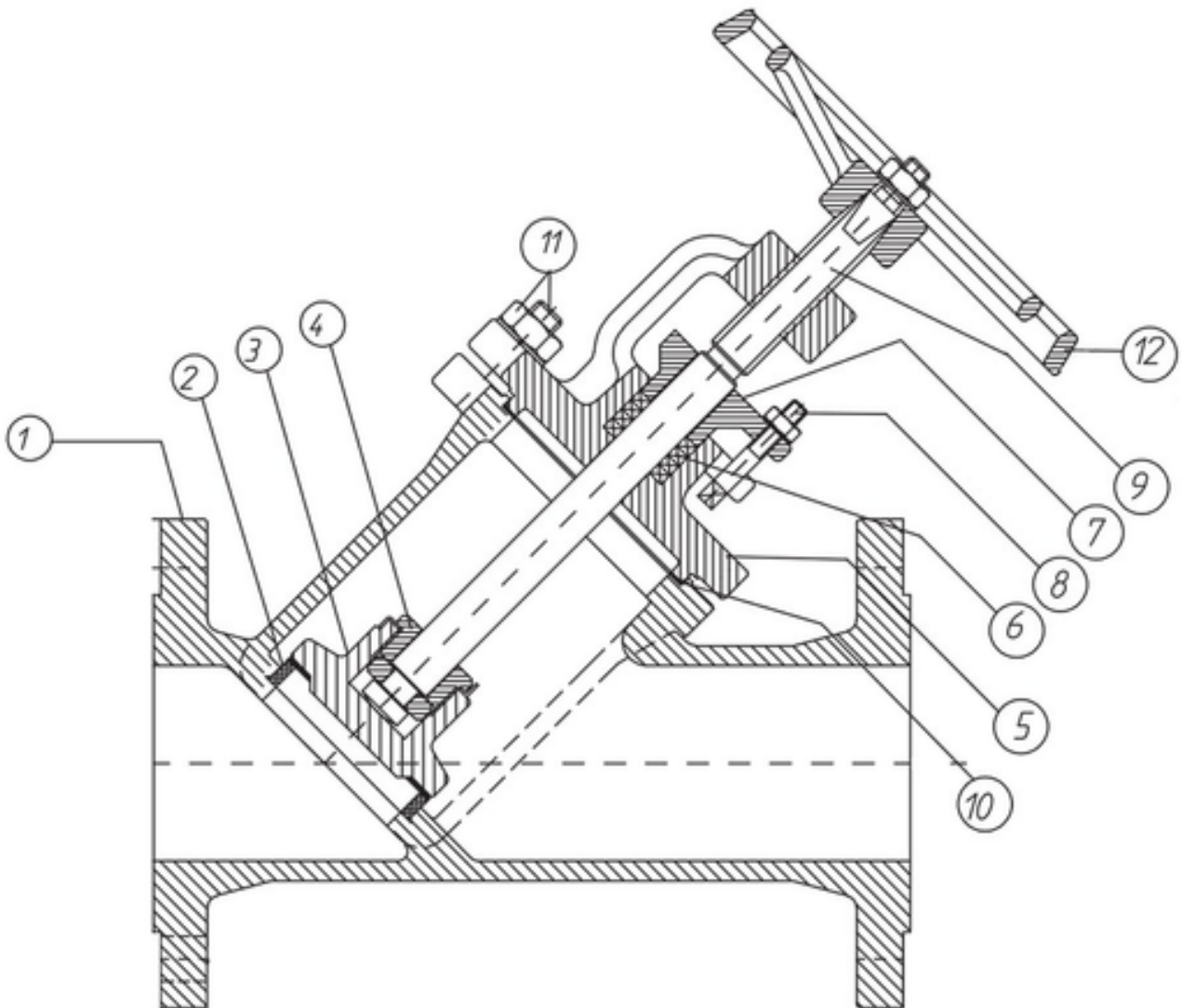


Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Y Type Globe Valve

SECTION Technical drawing 1 REF EFC-62



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-62** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

GLOBE VALVE

# Straight SDNR Globe Valve

REF **EFC-63** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN600</b>
Pressure	<b>PN16 to PN40</b>
End connection	<b>flanged (DIN EN 1092) / flanged (DIN EN 1092) / flanged (DIN EN 1092) / flanged (DIN EN 1092)</b>
Face-to-face	<b>DIN 3356/2-F1, DIN EN 558-1-FTF1</b>

## ACTUATION

- manual handwheel — GG 25 handwheel

## STANDARDS

Design	<b>DIN 3356/2-F1</b>
--------	----------------------

## MATERIALS

Body	<b>GG 25, GGG40, GGG40.3, GSC25, Bronze, RG5, RG7, CuSn10, 304, 316, Duplex</b>	Seat	<b>304, 316, 13Cr, Bronze, RG5, Duplex</b>
Disc	<b>304, 316, 13Cr, Bronze, RG5, Duplex</b>	Spring	<b>1.4301 SS</b>
Bonnet	<b>GG 25, GGG40, GGG40.3, GSC25, Bronze, RG5, RG7, CuSn10, 304, 316, Duplex</b>	Packing	<b>Graphite</b>
Gland	<b>GG 25, GGG40, GGG40.3, GSC25, Bronze, RG5, RG7, CuSn10, 304, 316, Duplex</b>	Stem	<b>Ms-58 Brass</b>
Gasket	<b>Klingerite, Graphite</b>	Stud nut	<b>5,6-8</b>
Handwheel	<b>GG 25</b>		

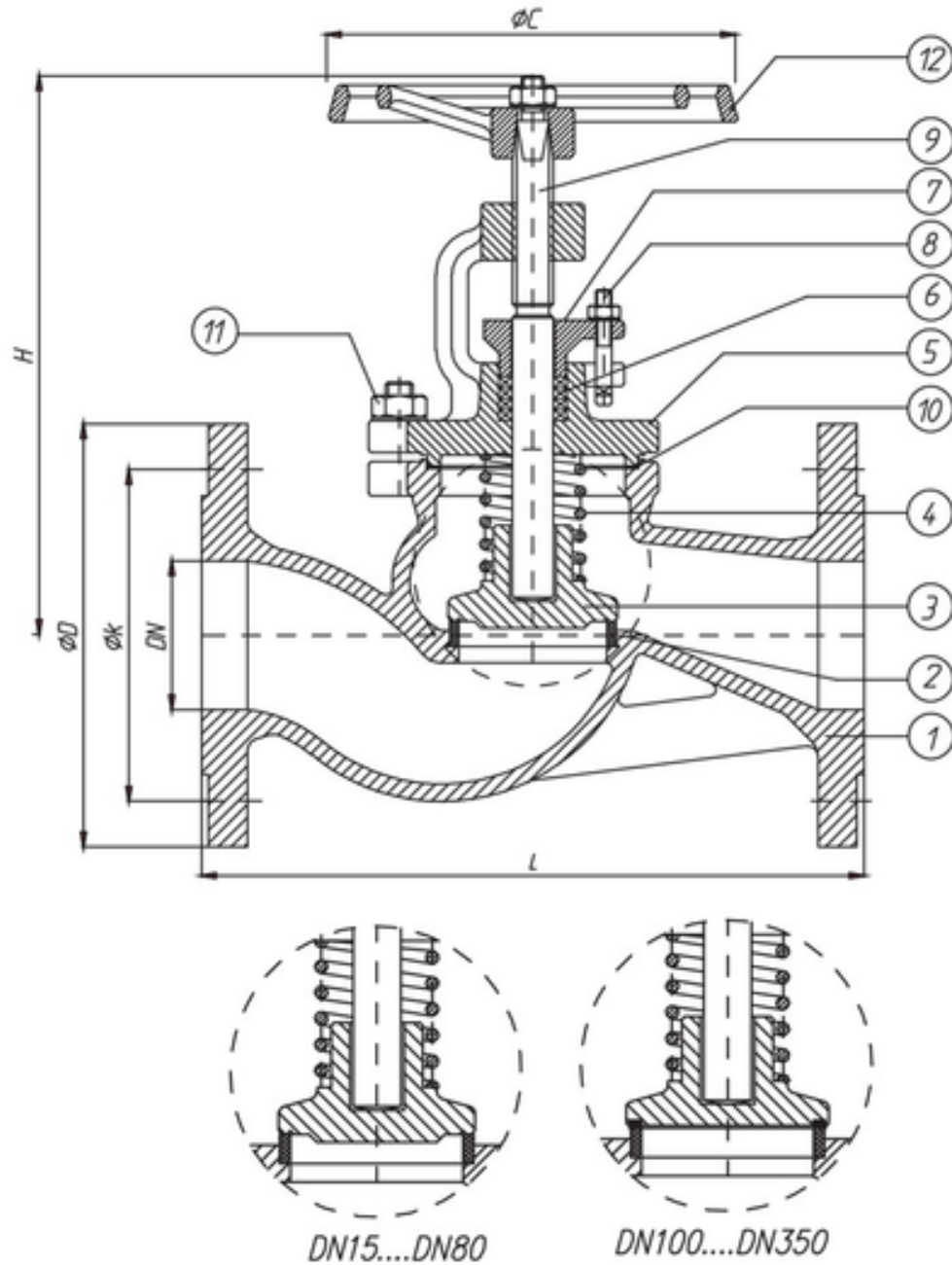


Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Straight SDNR Globe Valve

SECTION Technical drawing 1 REF EFC-63



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Straight SDNR Globe Valve

SECTION Dimensions per size REF EFC-63

SIZE	D	K	BOLTS	L	H_MAX	OC	KG	WEIGHT
DN15 (PN10)	95	65	4xO14	130	185	120	—	3.6 kg
DN15 (PN16)	95	65	4xO14	130	185	120	3.6 kg	3.6 kg
DN15 (PN25)	95	65	4xO14	130	185	120	4 kg	3.6 kg
DN15 (PN40)	95	65	4xO14	130	185	120	4.7 kg	3.6 kg
DN20 (PN10)	105	75	4xO14	150	185	120	—	4.25 kg
DN20 (PN16)	105	75	4xO14	150	185	120	4.25 kg	4.25 kg
DN20 (PN25)	105	75	4xO14	150	185	120	4.5 kg	4.25 kg
DN20 (PN40)	105	75	4xO14	150	185	120	5.1 kg	4.25 kg
DN25 (PN10)	115	85	4xO14	160	195	120	—	5.15 kg
DN25 (PN16)	115	85	4xO14	160	195	120	5.15 kg	5.15 kg
DN25 (PN25)	115	85	4xO14	160	195	120	5.75 kg	5.15 kg
DN25 (PN40)	115	85	4xO14	160	195	120	6.2 kg	5.15 kg
DN32 (PN10)	140	100	4xO18	180	205	140	—	6.75 kg
DN32 (PN16)	140	100	4xO18	180	205	140	6.75 kg	6.75 kg
DN32 (PN25)	140	100	4xO18	180	205	140	6.85 kg	6.75 kg
DN32 (PN40)	140	100	4xO18	180	205	140	7.2 kg	6.75 kg
DN40 (PN10)	150	110	4xO18	200	230	140	—	9.6 kg
DN40 (PN16)	150	110	4xO18	200	230	140	9.6 kg	9.6 kg
DN40 (PN25)	150	110	4xO18	200	230	140	10.2 kg	9.6 kg
DN40 (PN40)	150	110	4xO18	200	230	140	11.5 kg	9.6 kg
DN50 (PN10)	165	125	4xO18	230	240	160	—	12 kg
DN50 (PN16)	165	125	4xO18	230	240	160	12 kg	12 kg
DN50 (PN25)	165	125	4xO18	230	240	160	12.5 kg	12 kg
DN50 (PN40)	165	125	4xO18	230	240	160	13.2 kg	12 kg
DN65 (PN10)	185	145	4xO18	290	275	180	—	16.4 kg
DN65 (PN16)	185	145	4xO18	290	275	180	16.4 kg	16.4 kg
DN65 (PN25)	185	145	4xO18	290	275	180	18.5 kg	16.4 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Straight SDNR Globe Valve

Dimensions per size (continued) · EFC-63

SIZE	D	K	BOLTS	L	H_MAX	OC	KG	WEIGHT
DN65 (PN40)	185	145	4xO18	290	275	180	21.3 kg	16.4 kg
DN80 (PN10)	200	160	8xO18	310	290	200	—	23.2 kg
DN80 (PN16)	200	160	8xO18	310	290	200	23.2 kg	23.2 kg
DN80 (PN25)	200	160	8xO18	310	290	200	25 kg	23.2 kg
DN80 (PN40)	200	160	8xO18	310	290	200	26.5 kg	23.2 kg
DN100 (PN10)	220	180	8xO18	350	350	225	—	33 kg
DN100 (PN16)	220	180	8xO18	350	350	225	33 kg	33 kg
DN100 (PN25)	235	190	8xO22	350	350	225	35 kg	33 kg
DN100 (PN40)	235	190	8xO22	350	350	225	36.3 kg	33 kg
DN125 (PN10)	250	210	8xO22	400	410	250	—	55 kg
DN125 (PN16)	250	210	8xO22	400	410	250	55 kg	55 kg
DN125 (PN25)	270	220	8xO26	400	410	250	58 kg	55 kg
DN125 (PN40)	270	220	8xO26	400	410	250	60.5 kg	55 kg
DN150 (PN10)	285	240	8xO22	480	430	285	—	87.5 kg
DN150 (PN16)	285	240	8xO22	480	430	285	87.5 kg	87.5 kg
DN150 (PN25)	300	250	8xO26	480	430	285	92 kg	87.5 kg
DN150 (PN40)	300	250	8xO26	480	430	285	101 kg	87.5 kg
DN200 (PN10)	340	295	12xO22	600	525	320	—	130 kg
DN200 (PN16)	340	295	12xO22	600	525	320	130 kg	130 kg
DN200 (PN25)	360	310	12xO26	600	525	320	136 kg	130 kg
DN200 (PN40)	375	320	12xO30	600	525	320	164 kg	130 kg
DN250 (PN10)	400	350	12xO26	730	630	400	—	204 kg
DN250 (PN16)	400	355	12xO26	730	630	400	204 kg	204 kg
DN250 (PN25)	425	370	12xO30	730	630	400	212 kg	204 kg
DN250 (PN40)	450	385	12xO35	730	630	400	235 kg	204 kg
DN300 (PN10)	455	400	16xO26	850	700	400	—	280 kg
DN300 (PN16)	455	410	16xO26	850	700	400	280 kg	280 kg
DN300 (PN25)	485	430	16xO30	850	700	400	300 kg	280 kg
DN300 (PN40)	515	450	16xO35	850	700	400	315 kg	280 kg
DN350 (PN10)	505	460	20xO26	980	760	460	—	370 kg
DN350 (PN16)	505	470	16xO30	980	760	460	370 kg	370 kg
DN350 (PN25)	555	490	16xO33	980	760	460	395 kg	370 kg
DN350 (PN40)	580	510	16xO35	980	760	460	410 kg	370 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Straight SDNR Globe Valve

Dimensions per size (continued) · EFC-63

SIZE	D	K	BOLTS	L	H_MAX	OC	KG	WEIGHT
<b>DN400 (PN10)</b>	565	515	20xO30	1100	840	640	—	505 kg
<b>DN400 (PN16)</b>	565	525	16xO33	1100	840	640	505 kg	505 kg
<b>DN400 (PN25)</b>	620	550	16xO36	1100	840	640	530 kg	505 kg
<b>DN400 (PN40)</b>	660	585	16xO39	1100	840	640	550 kg	505 kg
<b>DN450 (PN10)</b>	615	565	20xO33	1200	915	640	—	705 kg
<b>DN450 (PN16)</b>	615	585	20xO33	1200	915	640	705 kg	705 kg
<b>DN450 (PN25)</b>	670	600	20xO36	1200	915	640	715 kg	705 kg
<b>DN450 (PN40)</b>	685	610	20xO39	1200	915	640	750 kg	705 kg
<b>DN500 (PN10)</b>	670	620	20xO33	1250	980	640	—	915 kg
<b>DN500 (PN16)</b>	670	650	20xO33	1250	980	640	915 kg	915 kg
<b>DN500 (PN25)</b>	730	660	20xO36	1250	980	640	950 kg	915 kg
<b>DN500 (PN40)</b>	755	670	20xO42	1250	980	640	970 kg	915 kg
<b>DN600 (PN10)</b>	780	725	20xO36	1450	1200	640	—	1110 kg
<b>DN600 (PN16)</b>	780	770	20xO39	1450	1200	640	1110 kg	1110 kg
<b>DN600 (PN25)</b>	845	770	20xO39	1450	1200	640	1125 kg	1110 kg
<b>DN600 (PN40)</b>	890	795	20xO48	1450	1200	640	1200 kg	1110 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

GLOBE VALVE

# Angle Type SDNR Globe Valve

REF **EFC-64** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN600</b>
Pressure	<b>PN10 to PN40</b>
End connection	<b>flanged (EN 1092-2/B)</b>
Face-to-face	<b>EN 558 Serie 8, DIN 3202 F32</b>
Media	<b>water, general industrial fluids</b>

## ACTUATION

- manual handwheel — GG 25 handwheel

## STANDARDS

Design	<b>DIN 3356</b>
Test	<b>EN 12266</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>GG 25, GGG40, GGG40,3, GGG6SC25, Bronze, RG5, RG7, CuSn10, 304, 316, Duplex</b>	Seat	<b>304, 316, 13Cr, Bronze, RG5</b>
Disc	<b>304, 316, 13Cr, Bronze, RG5</b>	Spring	<b>1.4301</b>
Bonnet	<b>GG 25, GGG40, GGG40,3, GGG6SC25, Bronze, RG5, RG7, CuSn10, 316, Duplex</b>	Packing	<b>Graphite</b>
Gland	<b>GG 25, GGG40, GGG40,3, GGG6SC25, Bronze, RG5, RG7, CuSn10, 304, 316, Duplex</b>	T stud nut	<b>5.6, 8</b>
Stem	<b>1.4021, Cu Sn8</b>	Gasket	<b>Klingerite, Asberit</b>
Stud nut	<b>5.6, 8</b>	Handwheel	<b>GG 25</b>

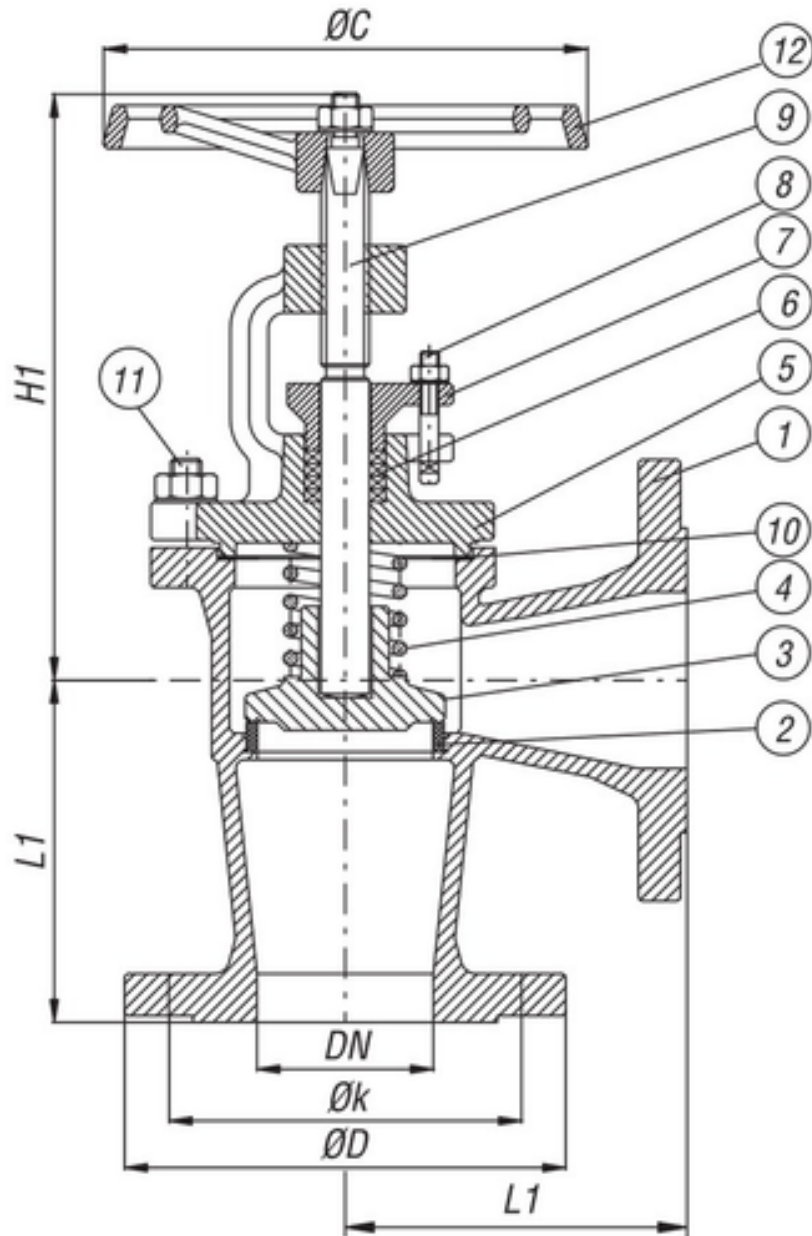
**FEATURES**

- Angle-type body configuration
- Spring-loaded disc providing non-return (SDNR) function
- Graphite packing
- Handwheel override control
- Available with fully stainless steel or bronze disc as option
- Production available up to DN600

GLOBE VALVE

# Angle Type SDNR Globe Valve

SECTION Technical drawing 1 REF EFC-64



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Angle Type SDNR Globe Valve

SECTION Dimensions per size REF EFC-64

SIZE	L1	H1	STROK	OC	OD_PN16	OK_PN16	OD_PN40	OK_PN40	WEIGHT
DN15	90	155	7	120	95	65	95	65	0 4 kg / 1 4 kg
DN20	95	155	7	120	105	75	105	75	0 4 kg / 1 5 kg
DN25	100	170	9	140	115	85	115	85	0 5 kg / 1 6 kg
DN32	105	175	11	140	140	100	140	100	0 7 kg / 1 8 kg
DN40	115	195	15	160	150	110	150	110	0 11 kg / 1 13 kg
DN50	125	205	18	160	165	125	165	125	0 13 kg / 1 15 kg
DN65	145	225	23	180	185	145	185	145	0 19 kg / 1 23 kg
DN80	155	250	28	200	200	160	200	160	0 24 kg / 1 27 kg
DN100	175	305	35	225	220	180	235	190	0 33 kg / 1 39 kg
DN125	200	315	43	250	250	210	270	220	0 48 kg / 1 58 kg
DN150	225	380	50	300	285	240	300	250	0 62 kg / 1 75 kg
DN200	275	425	68	400	340	295	375	320	0 128 kg / 1 155 kg
DN250	325	470	80	520	405	355	450	385	0 135 kg / 1 162 kg
DN300	375	675	100	520	460	410	515	450	0 270 kg / 1 320 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Straight and Angle Type Bellow Sealed Globe Valve S. Form VBK-16 / A. Form VAK-16

REF EFC-65 ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	DN15 to DN600
Pressure	PN10 to PN40
End connection	flanged (EN 1092-2/B)
Face-to-face	EN 558 Serie 1, DIN 3202 F1, EN 558 Serie 8, DIN 3202 F32

## ACTUATION

- manual handwheel — GG 25 handwheel

## STANDARDS

Design	DIN 3356
Test	EN 12266

## MATERIALS

Body	GG 25, GGG-40, GS-C 25	Seat	1.4301
Disc	1.4301	Disc nut	Ms 58
Below seat	AISI 304	Bonnet	GG 25, GGG-40, GS-C 25
Packing	GG 25, GGG-40, GS-C 25	Gland	GG 25, GGG-40, GS-C 25
T stud nut	5.6, 8	Stem	1.4021
Gasket	Klingerite, Asberit	Stud nut	5.6, 8
Handwheel	GG 25		

## FEATURES

- Bellow sealed stem design preventing process media from contacting packing
- Available in straight-through (globe) and angle body configurations
- Handwheel operated
- Flanged end connections to EN 1092-2/B
- Production available up to DN600

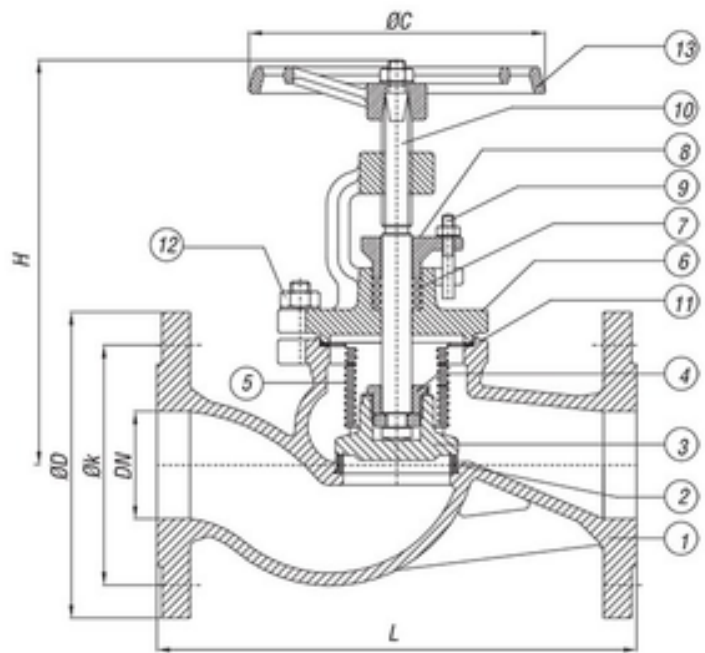
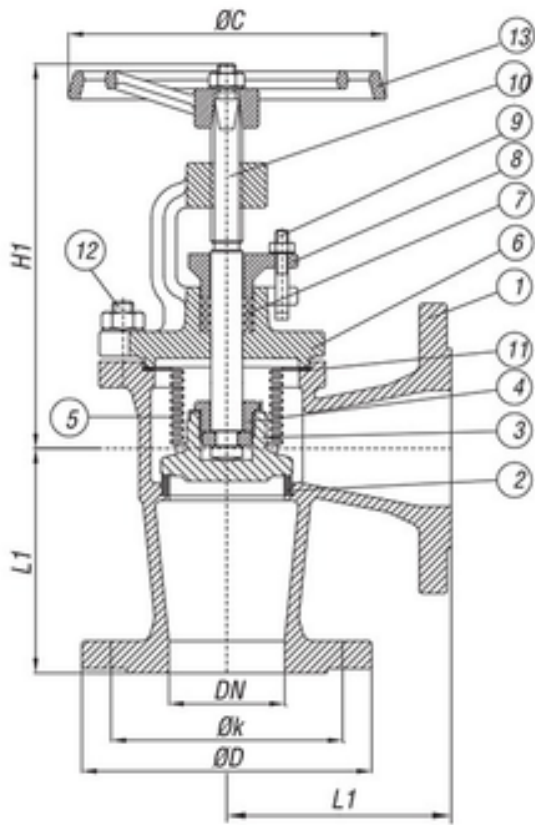
Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.



GLOBE VALVE

**Straight and Angle Type Bellow Sealed Globe Valve S. Form VBK-16 / A. Form VAK-16**

SECTION Technical drawing 1 REF EFC-65



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

## Straight and Angle Type Bellow Sealed Globe Valve S. Form VBK-16 / A. Form VAK-16

SECTION Dimensions per size REF EFC-65

SIZE	L	L1	H	H1	STROK	OC	OD_PN16	OK_PN16	OD_PN40	OK_PN40	PN16 AN- GLE KG	PN40 STRAIGHT GLE KG	PN40 AN- GLE KG	WEIGHT
DN15	130	90	185	155	7	120	95	65	95	65	4 kg	4.7 kg	4 kg	3.6 kg
DN20	150	95	185	155	7	120	105	75	105	75	4 kg	5.1 kg	5 kg	4.25 kg
DN25	160	100	195	170	9	140	115	85	115	85	5 kg	6.2 kg	6 kg	5.15 kg
DN32	180	105	205	175	11	140	140	100	140	100	7 kg	7.2 kg	8 kg	6.75 kg
DN40	200	115	230	195	15	160	150	110	150	110	11 kg	11.5 kg	13 kg	9.6 kg
DN50	230	125	240	205	18	160	165	125	165	125	13.5 kg	13.2 kg	15 kg	12 kg
DN65	290	145	275	225	23	180	185	145	185	145	19 kg	21.3 kg	23 kg	16.4 kg
DN80	310	155	290	250	28	200	200	160	200	160	24 kg	26.7 kg	27 kg	23 kg
DN100	350	175	350	305	35	225	220	180	235	190	33 kg	36.3 kg	39 kg	33 kg
DN125	400	200	410	315	43	250	250	210	270	220	48 kg	60.5 kg	58 kg	55 kg
DN150	480	225	430	380	50	300	285	240	300	250	62 kg	100.6 kg	75 kg	87.5 kg
DN200	600	275	580	425	68	400	340	295	375	320	128 kg	163.2 kg	155 kg	136 kg
DN250	730	325	710	470	80	520	405	355	450	385	135 kg	254.5 kg	162 kg	212 kg
DN300	850	375	780	675	100	520	460	410	515	450	270 kg	360 kg	320 kg	300 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Straight Type Cast Steel Globe Valve

REF **EFC-66** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN250</b>
Pressure	<b>PN64</b>
End connection	<b>flanged (EN 1092-2/B)</b>
Face-to-face	<b>EN 558 Serie 2, DIN 3202 F2</b>

## ACTUATION

- handwheel manual — GG 25 handwheel

## STANDARDS

Design	<b>DIN 3356</b>
Test	<b>EN 12266</b>

## APPLICATIONS

- high pressure and temperature applications



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>GS-C 25 (GP240GH+N)</b>	Seat	<b>AISI 304</b>
Disc	<b>X20Cr13</b>	Disc nut	<b>Brass, SS</b>
Bonnet	<b>GS-C 25 (GP240GH+N)</b>	Packing	<b>Graphite</b>
Gland	<b>GS-C 25 (GP240GH+N)</b>	T stud nut	<b>5.6, 8</b>
Stem	<b>X20Cr13</b>	Gasket	<b>Klingerite, Asberit</b>
Stud nut	<b>5.6, 8</b>	Handwheel	<b>GG 25</b>

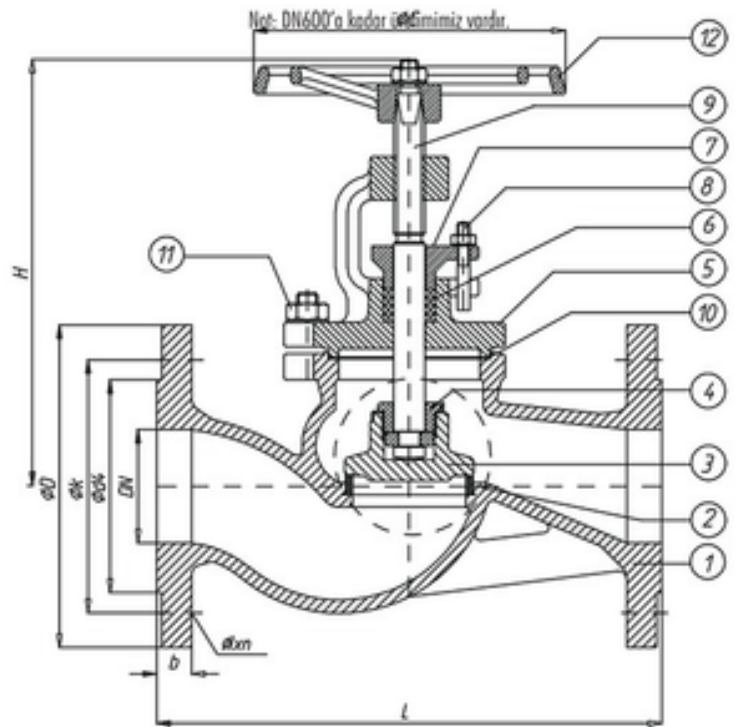
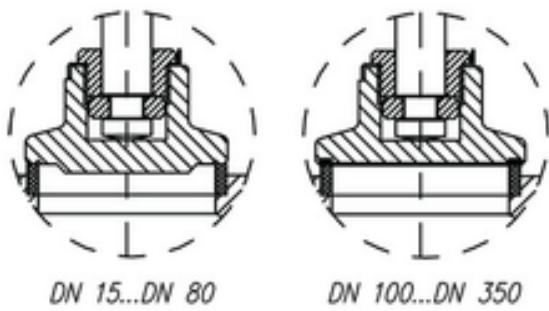
**FEATURES**

- Straight-type body configuration
- Cast carbon steel body and bonnet
- X20Cr13 martensitic stainless steel disc and stem
- Graphite packing
- Flanged ends to EN 1092-2/B
- Available up to DN600 on request
- Alloy steel material variants available for special pressure and temperature conditions

GLOBE VALVE

# Straight Type Cast Steel Globe Valve

SECTION Technical drawing 1 REF EFC-66



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Straight Type Cast Steel Globe Valve

SECTION Dimensions per size REF EFC-66

SIZE	L	H	D	K	D4	B	OXNSTROK_MAX	OC	WEIGHT	
DN15	210	230	105	75	45	20	14x4	11	—	9.5 kg
DN20	230	230	130	90	58	24	18x4	11	160	11 kg
DN25	230	230	140	100	68	24	18x4	11	160	12.5 kg
DN32	260	310	155	110	78	26	22x4	17	160	16.5 kg
DN40	260	310	170	125	88	28	22x4	17	200	20.5 kg
DN50	300	315	180	135	102	26	22x4	22	200	25 kg
DN65	340	420	205	160	122	26	22x8	38	315	40 kg
DN80	380	485	215	170	138	28	22x8	59	315	55 kg
DN100	430	550	250	200	162	30	26x8	68	400	85 kg
DN125	500	625	295	240	188	34	30x8	68	400	125 kg
DN150	550	630	345	280	218	36	33x8	79	500	150 kg
DN200	650	860	415	345	285	42	36x12	128	500	260 kg
DN250	775	900	470	400	345	46	36x12	180	630	375 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Straight Type Cast Steel Controlled Check Valve (SDNR)

REF **EFC-67** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN250</b>
Pressure	<b>PN64</b>
End connection	<b>flanged (EN 1092-2/B)</b>
Face-to-face	<b>EN 558 Serie 2, DIN 3202 F2</b>

## STANDARDS

Design	<b>DIN 3356</b>
Test	<b>EN 12266</b>



## MATERIALS

Body	<b>GS-C 25 (GP240GH+N)</b>	Seat	<b>AISI 304</b>
Disc	<b>X20Cr13</b>	Spring	<b>AISI 304</b>
Bonnet	<b>GS-C 25 (GP240GH+N)</b>	Packing	<b>Graphite</b>
Gland	<b>GS-C 25 (GP240GH+N)</b>	T stud nut	<b>5.6, 8</b>
Stem	<b>X20Cr13</b>	Gasket	<b>Klingerite, Asberit</b>
Stud nut	<b>5.6, 8</b>	Handwheel	<b>GG 25</b>

## FEATURES

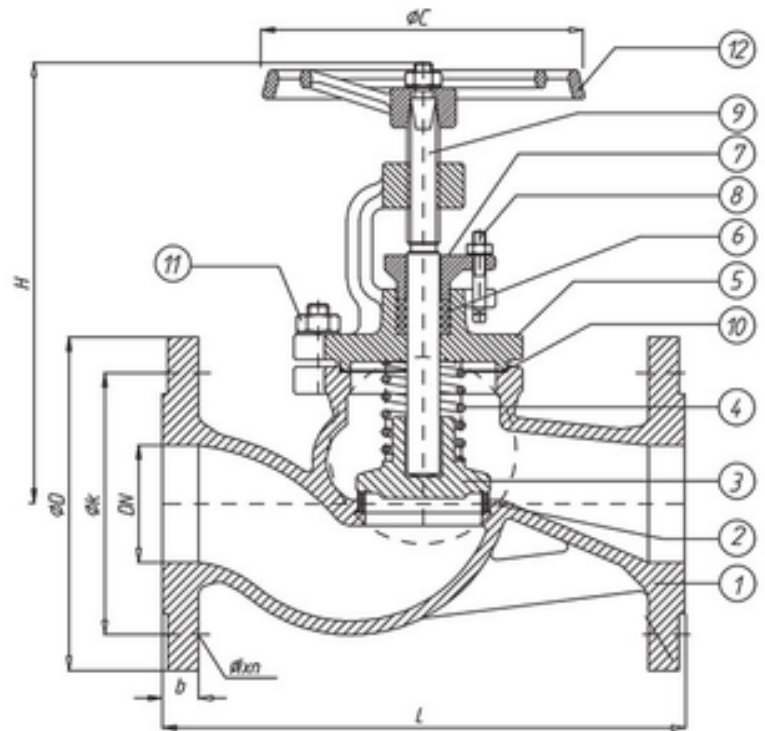
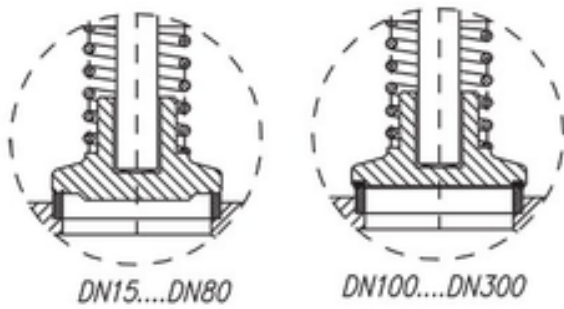
- Straight-pattern (SDNR) flow path configuration
- Controlled check valve function allowing manual operation as well as automatic non-return action
- Graphite packing for stem sealing
- Klingerite/Asberit body-to-bonnet gasket
- Cast steel body and bonnet with stainless steel trim
- Handwheel operator in grey cast iron
- Available in alloy steel materials for high-pressure and high-temperature applications on request

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Straight Type Cast Steel Controlled Check Valve (SDNR)

SECTION Technical drawing 1 REF EFC-67



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

## Straight Type Cast Steel Controlled Check Valve (SDNR)

SECTION Dimensions per size REF EFC-67

SIZE	L	H	D	K	D4	BSTROK_MAX	OXN	OC	WEIGHT
DN15	210	230	105	75	45	20	11 Ø14x4	—	9.5 kg
DN20	230	230	130	90	58	24	11 Ø18x4	160	11 kg
DN25	230	230	140	100	68	24	11 Ø18x4	160	12.5 kg
DN32	260	310	155	110	78	26	17 Ø22x4	200	16.5 kg
DN40	260	310	170	125	88	28	17 Ø22x4	200	20.5 kg
DN50	300	315	180	135	102	26	22 Ø22x4	200	25 kg
DN65	340	420	205	160	122	26	38 Ø22x8	315	40 kg
DN80	380	485	215	170	138	28	59 Ø22x8	315	55 kg
DN100	430	550	250	200	162	30	68 Ø26x8	400	85 kg
DN125	500	625	295	240	188	34	68 Ø30x8	500	125 kg
DN150	550	630	345	280	218	36	79 Ø33x8	500	150 kg
DN200	650	860	415	345	285	42	128 Ø36x12	630	260 kg
DN250	775	900	470	400	345	46	180 Ø36x12	630	375 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

GLOBE VALVE

# Y Type Cast Steel Globe Valve

REF **EFC-68** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN300</b>
Pressure	<b>PN16 to PN100</b>
End connection	<b>flanged (EN 1092-2/B)</b>
Face-to-face	<b>EN 558 Serie 1, DIN 3202 F1</b>

## ACTUATION

- manual handwheel — GG 25 handwheel

## STANDARDS

Design	<b>DIN 3356</b>
Test	<b>EN 12266</b>

## MATERIALS

Body	<b>G-SC 25(GP240GH+N)+Stellite</b>	Seat	<b>1.4301+Stellite</b>
Disc	<b>1.4301+Stellite</b>	Disc nut	<b>Ms 58</b>
Bonnet	<b>G-SC 25(GP240GH+N)</b>	Packing	<b>Graphite</b>
Gland	<b>G-SC 25(GP240GH+N)</b>	T stud nut	<b>5.6, 8</b>
Stem	<b>1.4021</b>	Gasket	<b>Klingerite, Graphite</b>
Stud nut	<b>5.6, 8</b>	Handwheel	<b>GG 25</b>

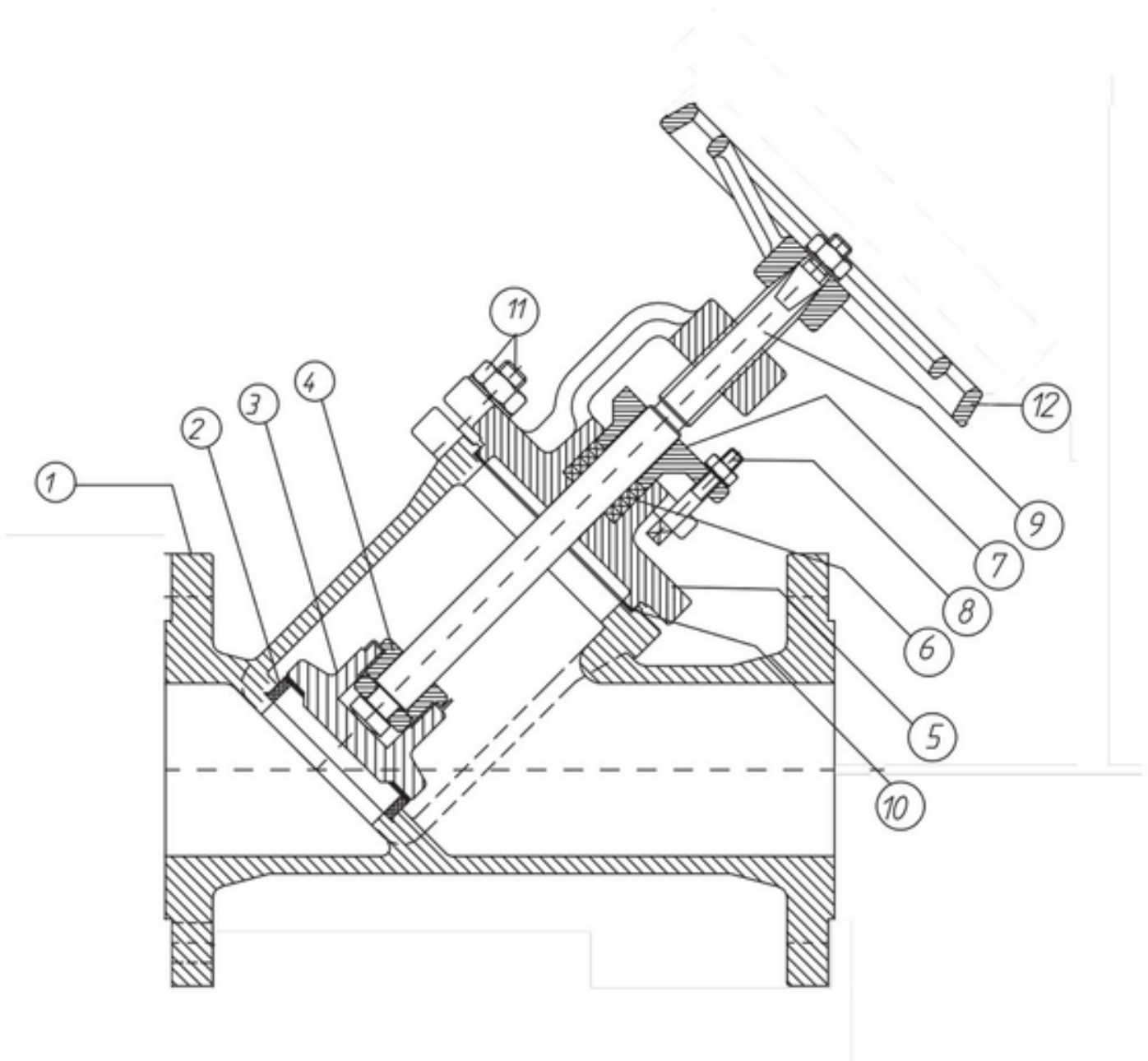


Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Y Type Cast Steel Globe Valve

SECTION Technical drawing 1 REF EFC-68



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-68** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

GLOBE VALVE

# Straight Globe Valve

REF **EFC-69** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN600</b>
Pressure	<b>PN10 to PN40</b>
End connection	<b>flanged (DIN EN 1092)</b>
Face-to-face	<b>DIN EN 558-1-1, DIN EN 558-1-FTF1</b>

## ACTUATION

- handwheel — GG 25 cast iron handwheel

## STANDARDS

Design	<b>DIN 3356/2-F1</b>
Test	<b>DIN EN 12266</b>

## MATERIALS

Body	<b>GG-25, GGG-40, GS-25, Bronze AISI 304, 316, Monel GS-17CrMo5,5</b>	Seat	<b>AISI 304, AISI 316, 13Cr Bronze, Stellite 6-21, PTFE, NBR, EPDM</b>
Disc	<b>AISI 304, AISI 316, 13Cr Bronze, GS-C 25 PTFE</b>	Disc nut	<b>Ms 58, S.S</b>
Bonnet	<b>GG-25, GGG-40, GS-25, Bronze AISI 304, 316, Monel GS-17CrMo5,5</b>	Packing	<b>Graphite</b>
Gland	<b>GG-25, GGG-40, GS-25, Bronze AISI 304, 316, Monel GS-17CrMo5,5</b>	Stem	<b>AISI 420, AISI 304, AISI 306, 13Cr Bronze, CuSo8 Ms-5B</b>
Gasket	<b>Klingerite</b>	Handwheel	<b>GG 25</b>

## FEATURES

- Straight flow path (düz tip) globe valve configuration
- Regulating disc option available
- ANSI flange option available
- Graphite packing
- Multiple body material options including cast iron, ductile iron, cast steel, stainless steel, bronze and Monel
- Multiple seat material options including PTFE, NBR, EPDM and Stellite hard-facing

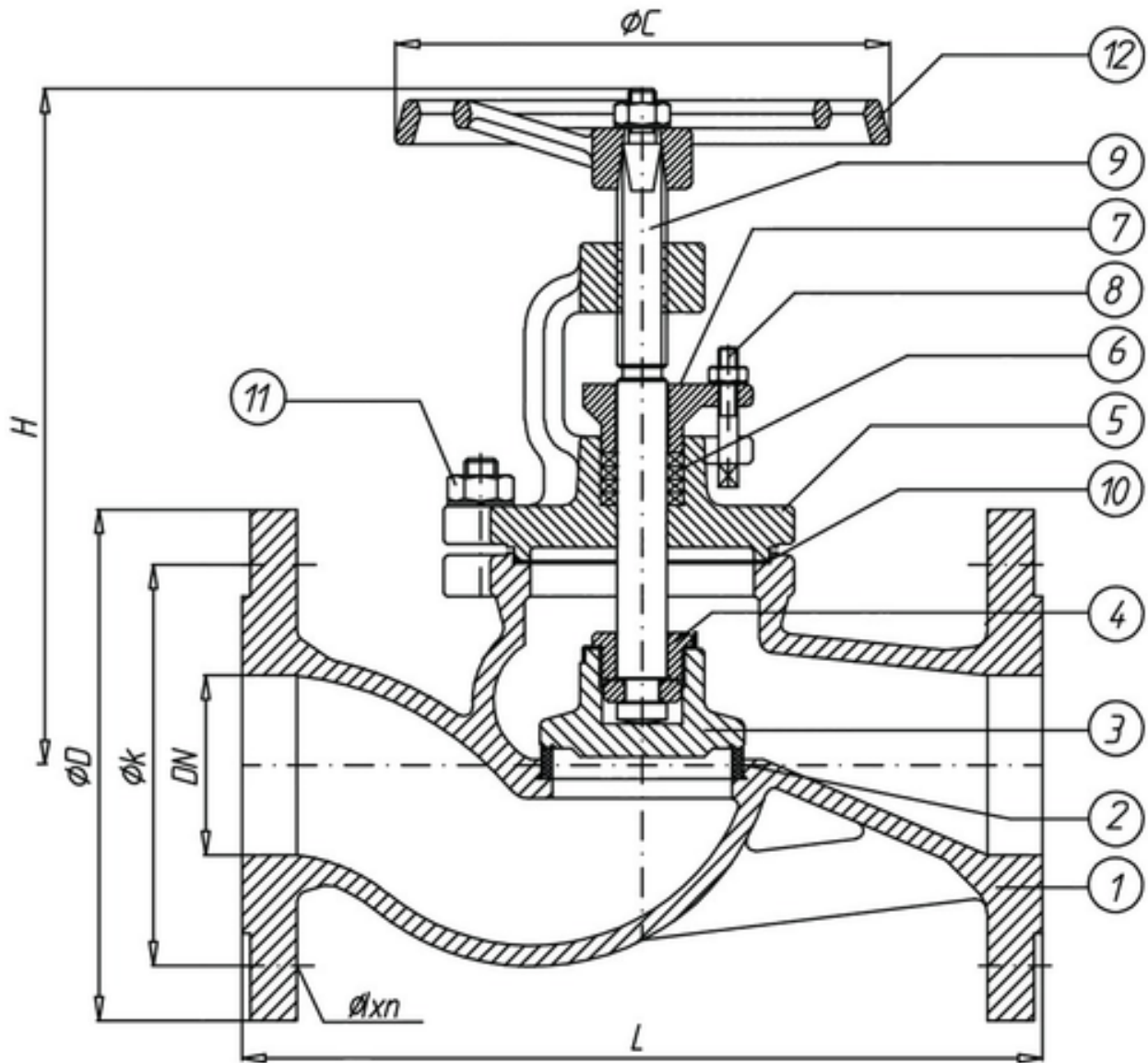
Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.



GLOBE VALVE

# Straight Globe Valve

SECTION Technical drawing 1 REF EFC-69



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Straight Globe Valve

SECTION Dimensions per size REF EFC-69

SIZE	D	K	BOLTS	L	OC	H MAX	KG	WEIGHT
DN15 (PN10)	95	65	4xØ14	130	120	185	—	3.6 kg
DN15 (PN16)	95	65	4xØ14	130	120	185	3.6 kg	3.6 kg
DN15 (PN25)	95	65	4xØ14	130	120	185	4 kg	3.6 kg
DN15 (PN40)	95	65	4xØ14	130	120	185	4.7 kg	3.6 kg
DN20 (PN10)	105	75	4xØ14	150	120	185	—	4.25 kg
DN20 (PN16)	105	75	4xØ14	150	120	185	4.25 kg	4.25 kg
DN20 (PN25)	105	75	4xØ14	150	120	185	4.25 kg	4.25 kg
DN20 (PN40)	105	75	4xØ14	150	120	185	5.1 kg	4.25 kg
DN25 (PN10)	115	85	4xØ14	150	140	195	—	5.15 kg
DN25 (PN16)	115	85	4xØ14	150	140	195	5.15 kg	5.15 kg
DN25 (PN25)	115	85	4xØ14	150	140	195	5.75 kg	5.15 kg
DN25 (PN40)	115	85	4xØ14	150	140	195	6.2 kg	5.15 kg
DN32 (PN10)	140	100	4xØ18	180	140	205	—	6.75 kg
DN32 (PN16)	140	100	4xØ18	180	140	205	6.75 kg	6.75 kg
DN32 (PN25)	140	100	4xØ18	180	140	205	6.85 kg	6.75 kg
DN32 (PN40)	140	100	4xØ18	180	140	205	7.2 kg	6.75 kg
DN40 (PN10)	150	110	4xØ18	200	160	230	—	9.6 kg
DN40 (PN16)	150	110	4xØ18	200	160	230	9.6 kg	9.6 kg
DN40 (PN25)	150	110	4xØ18	200	160	230	10.2 kg	9.6 kg
DN40 (PN40)	150	110	4xØ18	200	160	230	11.5 kg	9.6 kg
DN50 (PN10)	165	125	4xØ18	230	160	240	—	12 kg
DN50 (PN16)	165	125	4xØ18	230	160	240	12 kg	12 kg
DN50 (PN25)	165	125	4xØ18	230	160	240	12.5 kg	12 kg
DN50 (PN40)	165	125	4xØ18	230	160	240	13.2 kg	12 kg
DN65 (PN10)	185	145	8xØ18	290	180	275	—	16.4 kg
DN65 (PN16)	185	145	8xØ18	290	180	275	16.4 kg	16.4 kg
DN65 (PN25)	185	145	8xØ18	290	180	275	18.5 kg	16.4 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Straight Globe Valve

Dimensions per size (continued) · EFC-69

SIZE	D	K	BOLTS	L	OC	H MAX	KG	WEIGHT
DN65 (PN40)	185	145	8xØ18	290	180	275	21.3 kg	16.4 kg
DN80 (PN10)	200	160	8xØ18	315	180	290	—	23.2 kg
DN80 (PN16)	200	160	8xØ18	315	180	290	23.3 kg	23.2 kg
DN80 (PN25)	200	160	8xØ18	315	180	290	25 kg	23.2 kg
DN80 (PN40)	200	160	8xØ18	315	180	290	26.5 kg	23.2 kg
DN100 (PN10)	220	180	8xØ18	350	200	350	—	33 kg
DN100 (PN16)	220	180	8xØ18	350	200	350	33 kg	33 kg
DN100 (PN25)	235	190	8xØ18	350	200	350	35 kg	33 kg
DN100 (PN40)	235	190	8xØ18	350	200	350	36.3 kg	33 kg
DN125 (PN10)	250	210	8xØ22	400	225	410	—	55 kg
DN125 (PN16)	250	210	8xØ22	400	225	410	55 kg	55 kg
DN125 (PN25)	270	220	8xØ26	400	225	410	58 kg	55 kg
DN125 (PN40)	270	220	8xØ26	400	225	410	60.5 kg	55 kg
DN150 (PN10)	285	240	8xØ22	480	250	430	—	87.5 kg
DN150 (PN16)	285	240	8xØ22	480	250	430	87.5 kg	87.5 kg
DN150 (PN25)	300	250	8xØ26	480	250	430	92 kg	87.5 kg
DN150 (PN40)	300	250	8xØ26	480	250	430	101 kg	87.5 kg
DN200 (PN10)	340	295	12xØ22	600	285	525	—	130 kg
DN200 (PN16)	340	295	12xØ22	600	285	525	136 kg	130 kg
DN200 (PN25)	375	310	12xØ26	600	285	525	150 kg	130 kg
DN200 (PN40)	375	310	12xØ26	600	285	525	164 kg	130 kg
DN250 (PN10)	395	350	12xØ26	730	320	630	—	204 kg
DN250 (PN16)	405	355	12xØ26	730	320	630	212 kg	204 kg
DN250 (PN25)	450	370	12xØ30	730	320	630	230 kg	204 kg
DN250 (PN40)	450	370	12xØ30	730	320	630	235 kg	204 kg
DN300 (PN10)	445	400	12xØ26	850	400	700	—	280 kg
DN300 (PN16)	460	410	12xØ26	850	400	700	290 kg	280 kg
DN300 (PN25)	515	430	16xØ30	850	400	700	300 kg	280 kg
DN300 (PN40)	515	430	16xØ30	850	400	700	315 kg	280 kg
DN350 (PN10)	505	460	16xØ26	980	460	760	—	370 kg
DN350 (PN16)	520	470	16xØ26	980	460	760	380 kg	370 kg
DN350 (PN25)	580	490	16xØ33	980	460	760	395 kg	370 kg
DN350 (PN40)	580	490	16xØ33	980	460	760	410 kg	370 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Straight Globe Valve

Dimensions per size (continued) · EFC-69

SIZE	D	K	BOLTS	L	OC	H MAX	KG	WEIGHT
<b>DN400 (PN10)</b>	565	515	16xØ30	1100	—	840	—	505 kg
<b>DN400 (PN16)</b>	580	525	16xØ30	1100	—	840	515 kg	505 kg
<b>DN400 (PN25)</b>	660	550	16xØ36	1100	—	840	530 kg	505 kg
<b>DN400 (PN40)</b>	660	550	16xØ36	1100	—	840	550 kg	505 kg
<b>DN450 (PN10)</b>	615	565	20xØ30	1200	—	915	—	705 kg
<b>DN450 (PN16)</b>	640	585	20xØ33	1200	—	915	715 kg	705 kg
<b>DN450 (PN25)</b>	685	600	20xØ36	1200	—	915	700 kg	705 kg
<b>DN450 (PN40)</b>	685	600	20xØ36	1200	—	915	750 kg	705 kg
<b>DN500 (PN10)</b>	670	620	20xØ30	1250	—	980	—	915 kg
<b>DN500 (PN16)</b>	640	620	20xØ33	1250	—	980	925 kg	915 kg
<b>DN500 (PN25)</b>	755	660	20xØ39	1250	—	980	950 kg	915 kg
<b>DN500 (PN40)</b>	755	660	20xØ39	1250	—	980	970 kg	915 kg
<b>DN600 (PN10)</b>	780	725	20xØ30	1450	640	1200	—	1110 kg
<b>DN600 (PN16)</b>	840	770	20xØ36	1450	640	1200	1125 kg	1110 kg
<b>DN600 (PN25)</b>	890	770	20xØ42	1450	640	1200	1150 kg	1110 kg
<b>DN600 (PN40)</b>	890	795	20xØ42	1450	640	1200	1200 kg	1110 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

GLOBE VALVE

# Bronze Globe Valve Straight Type (Screw Bonnet)

REF **EFC-70** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN100</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>flanged (DIN EN 1092)</b>
Face-to-face	<b>DIN EN 1092</b>

## ACTUATION

- manual handwheel — GG 25 cast iron handwheel

## STANDARDS

Test	<b>DIN EN 12266</b>
------	---------------------



## MATERIALS

Body	<b>G-CuSn5Zn5Pb5-C</b>	Disc	<b>G-CuSn5Zn5Pb5-C</b>
Stem	<b>CuZn39Pb3, CuSn8</b>	Gasket	<b>Perbunon, PTFE</b>
Bonnet	<b>G-CuSn5Zn5Pb5-C</b>	Washer stem	<b>CuZn39Pb3, PTFE</b>
Packing	<b>Graphite + PTFE</b>	Gland	<b>CuZn39Pb3</b>
Handwheel	<b>GG 25</b>	Washer bolt	<b>Steel 5 Zn</b>
Bolt	<b>Steel 5 Zn</b>		

## FEATURES

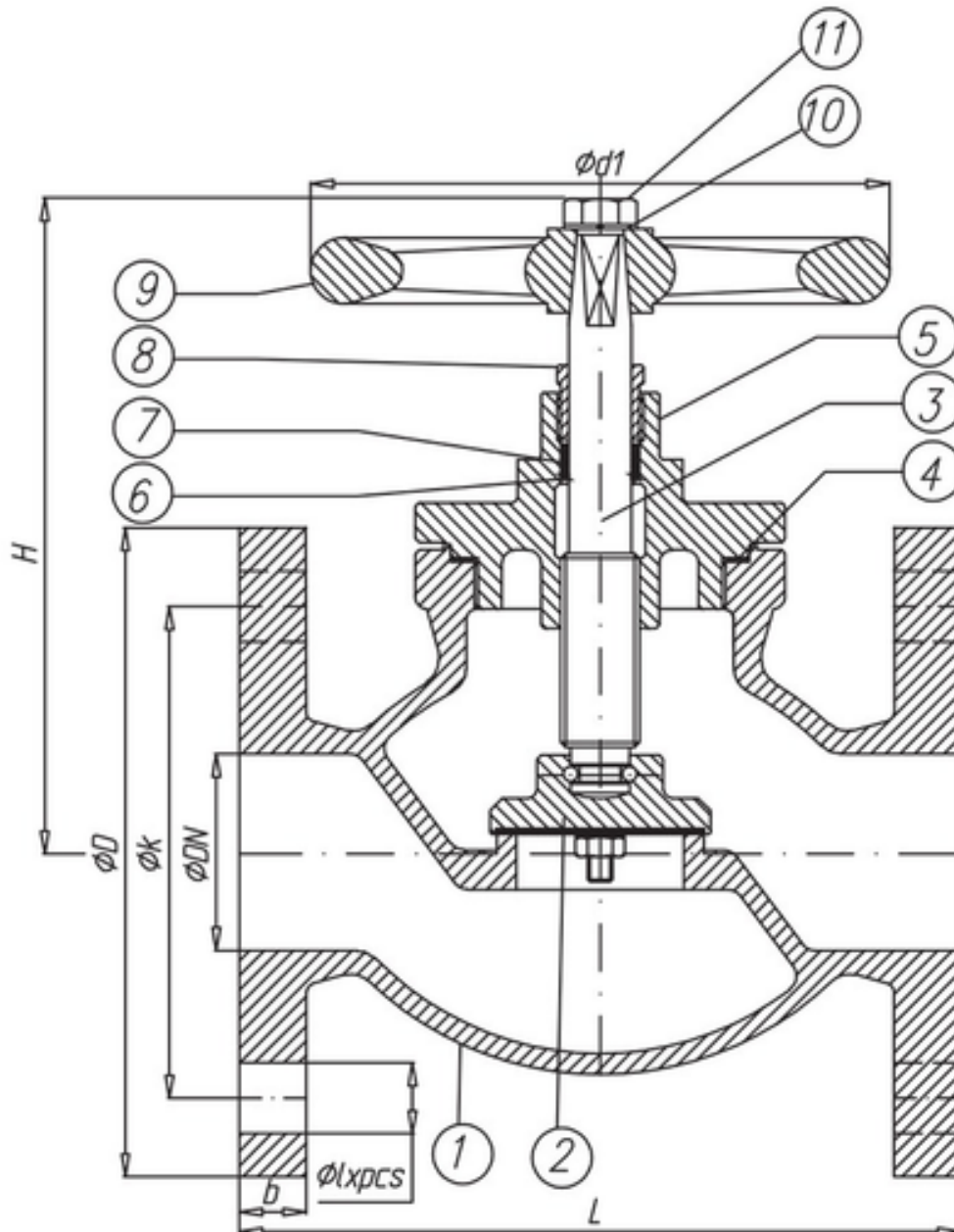
- Screw bonnet design
- Short-type body configuration
- Bronze body, disc, and bonnet (G-CuSn5Zn5Pb5-C)
- Graphite + PTFE packing
- Available in bronze options RG7, RG10, CuSn10

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Bronze Globe Valve Straight Type (Screw Bonnet)

SECTION Technical drawing 1 REF EFC-70



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

## Bronze Globe Valve Straight Type (Screw Bonnet)

SECTION Dimensions per size REF EFC-70

SIZE	OD	OK	BBOLT_HOLES	L	OD1	H	WEIGHT
DN15	95	65	12 Ø14x4	70	63	95	1.6 kg
DN20	105	75	12 Ø14x4	80	80	110	2.2 kg
DN25	115	85	12 Ø14x4	90	80	115	2.6 kg
DN32	140	100	14 Ø18x4	105	90	135	4.4 kg
DN40	150	110	14 Ø18x4	120	100	145	6.6 kg
DN50	165	125	16 Ø18x4	140	125	165	8.1 kg
DN65	185	145	16 Ø18x4	180	160	230	11.5 kg
DN80	200	160	18 Ø18x8	200	200	250	16.2 kg
DN100	220	180	20 Ø18x8	220	200	260	21.5 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

GLOBE VALVE

# Bronze SDSL Globe Valve - BSPT

REF **EFC-71** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN15 to DN50</b>
Pressure	<b>16 bar</b>
End connection	<b>threaded (BSPT)</b>
Temperature	<b>null°C to 170°C</b>
Media	<b>water, oil, gas</b>

## ACTUATION

- manual handwheel

## APPLICATIONS

- water
- oil and gas

## MATERIALS

Body	<b>Bronze Rg5</b>	Bonnet	<b>Bronze Rg5</b>
Disc	<b>Bronze Rg5</b>	Stem	<b>Brass</b>
Packing	<b>PTFE</b>	Handwheel	<b>Aluminum</b>
Nut	<b>Brass</b>	Nameplate	<b>Aluminum</b>

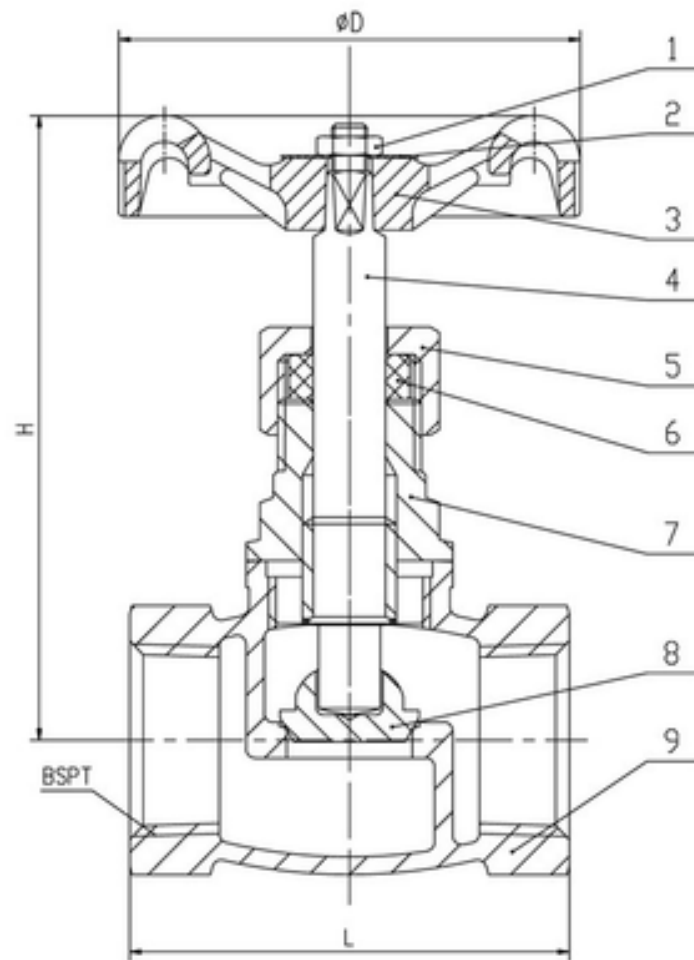


Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Bronze SDSL Globe Valve - BSPT

SECTION Technical drawing 1 REF EFC-71



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Bronze SDSL Globe Valve - BSPT

SECTION Dimensions per size REF EFC-71

SIZE	L	OD	H
DN15	49	52	71
DN20	56	60	73
DN25	66	65	87
DN32	74	70	95
DN40	85	78	110
DN50	100	92	124

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

GLOBE VALVE

# Bronze SDNR Globe Valve - BSPT

REF **EFC-72** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN50</b>
Pressure	<b>16 Bar</b>
End connection	<b>threaded (BSPT)</b>
Temperature	<b>null°C to 170°C</b>
Media	<b>water, oil, gas</b>

## ACTUATION

- manual handwheel

## APPLICATIONS

- water
- oil
- gas

## MATERIALS

Body	<b>Bronze Rg5</b>	Bonnet	<b>Bronze Rg5</b>
Disc	<b>Bronze Rg5</b>	Stem	<b>Brass</b>
Packing	<b>PTFE</b>	Handwheel	<b>Aluminum</b>
Nut 1	<b>Brass</b>	Nut 5	<b>Brass</b>
Nameplate	<b>Aluminum</b>		

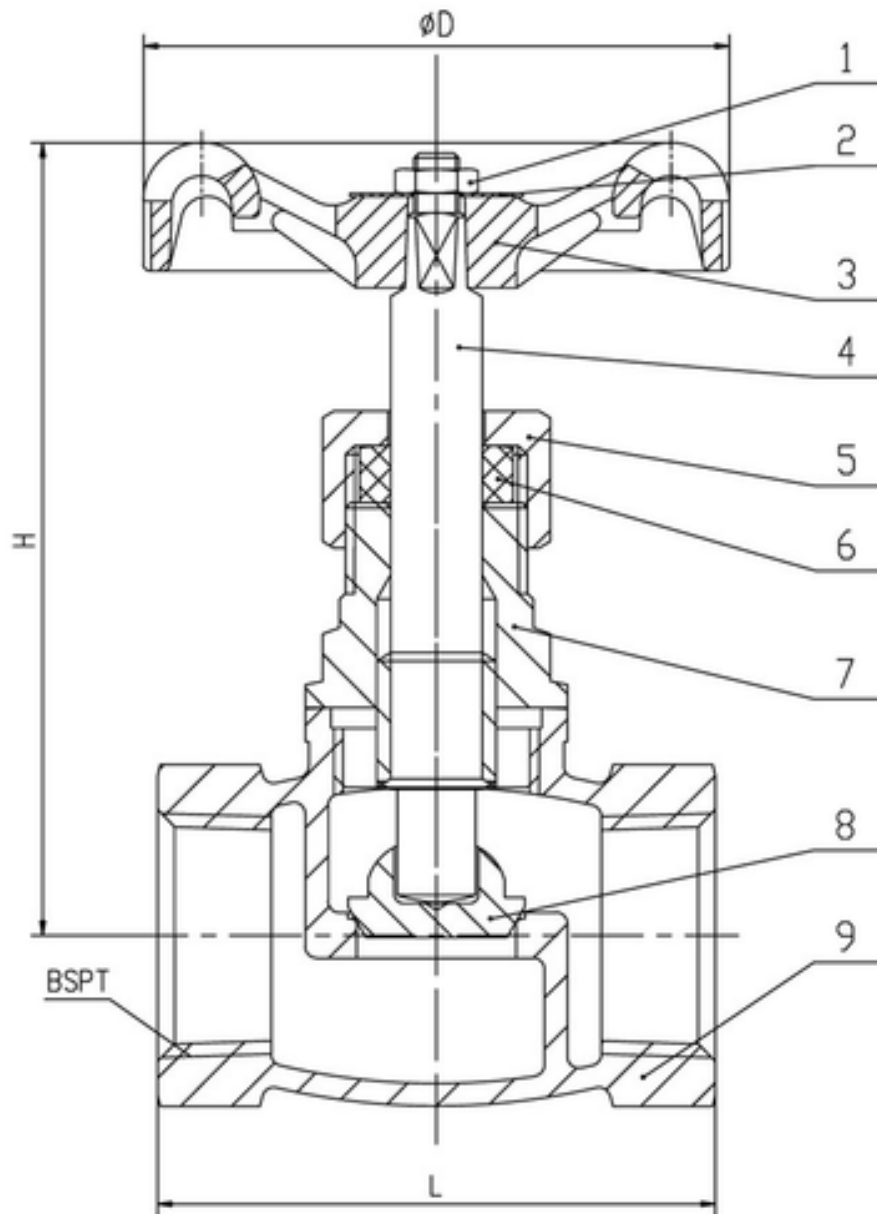


Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Bronze SDNR Globe Valve - BSPT

SECTION Technical drawing 1 REF EFC-72



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Bronze SDNR Globe Valve - BSPT

SECTION Dimensions per size REF EFC-72

SIZE	L	D	H
DN15	49	52	71
DN20	56	60	73
DN25	66	65	87
DN32	74	70	95
DN40	85	78	110
DN50	100	92	124

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

GLOBE VALVE

# SS SDSL Globe Valve - BSP

REF **EFC-73** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN50</b>
Pressure	<b>20 bar</b>
End connection	<b>threaded (BSPT)</b>
Temperature	<b>-20°C to 180°C</b>
Media	<b>water, oil, gas</b>

## ACTUATION

- manual handwheel

## APPLICATIONS

- water
- oil
- gas

## MATERIALS

Body	<b>CF8, CF8M</b>	Disc	<b>CF8, CF8M</b>
Stem	<b>SS 304, SS 316</b>	Gasket	<b>PTFE</b>
Bonnet	<b>CF8, CF8M</b>	Packing	<b>PTFE</b>
Gland	<b>SS</b>	Gland nut	<b>SS</b>
Handwheel	<b>GG 25</b>	Nameplate	<b>SS</b>
Nut	<b>SS</b>		

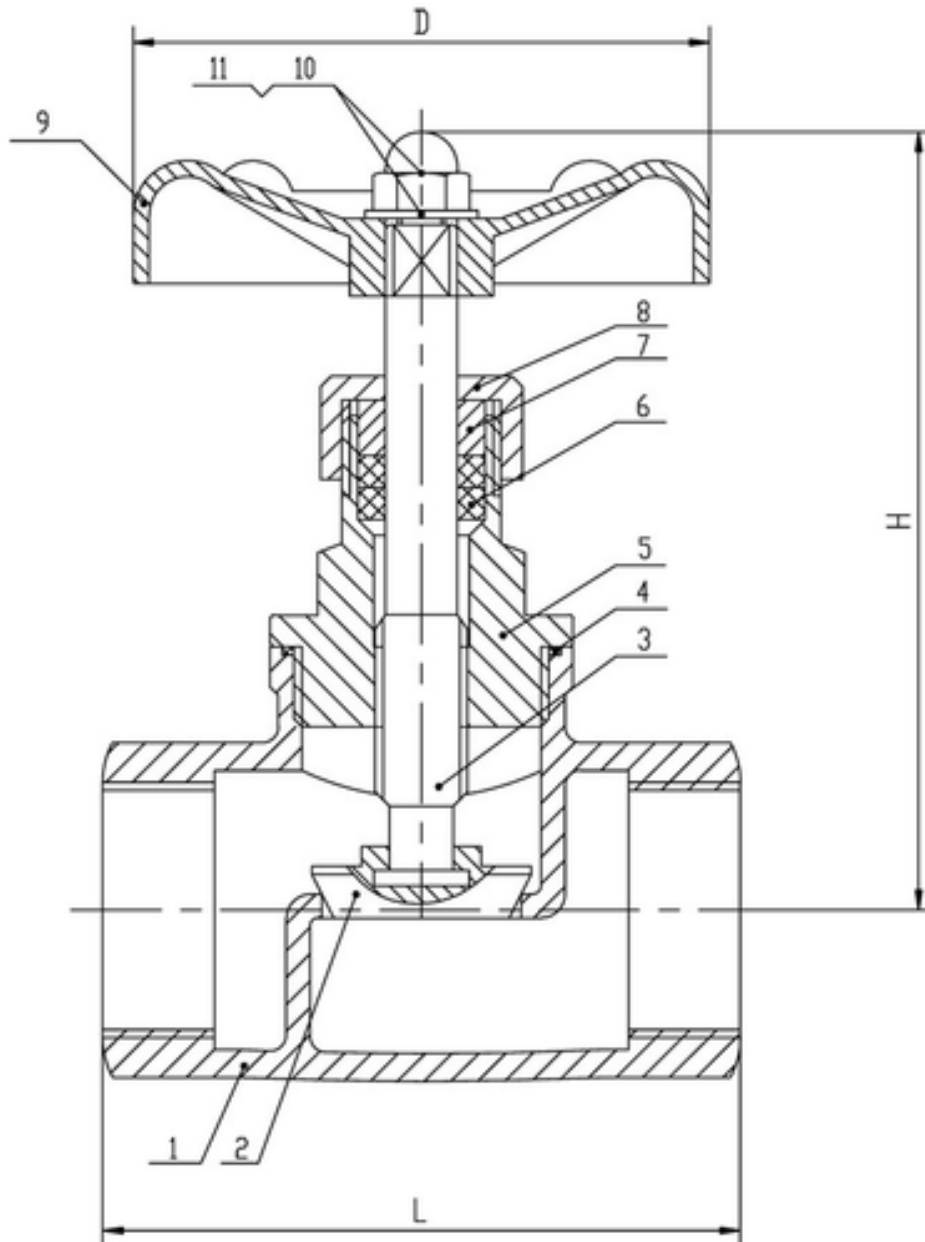


Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# SS SDSL Globe Valve - BSP

SECTION Technical drawing 1 REF EFC-73



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# SS SDSL Globe Valve - BSP

SECTION Dimensions per size REF EFC-73

SIZE	L	D	H
DN15	59	64	90
DN20	69	64	95
DN25	79	73	105
DN32	98	76	125
DN40	104	98	135
DN50	119	98	145

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

GLOBE VALVE

# SS SDNR Globe Valve - BSP

REF **EFC-74** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN15 to DN50</b>
Pressure	<b>20 Bar</b>
End connection	<b>threaded (BSPT)</b>
Temperature	<b>-20°C to 180°C</b>
Media	<b>water, oil, gas</b>

## ACTUATION

- manual handwheel — GG 25 handwheel

## APPLICATIONS

- water
- oil
- gas

## MATERIALS

Body	<b>CF8, CF8M</b>	Disc	<b>CF8, CF8M</b>
Stem	<b>SS 304, SS 316</b>	Gasket	<b>PTFE</b>
Bonnet	<b>CF8, CF8M</b>	Packing	<b>PTFE</b>
Gland	<b>SS</b>	Gland nut	<b>SS</b>
Handwheel	<b>GG 25</b>	Nameplate	<b>SS</b>
Nut	<b>SS</b>		

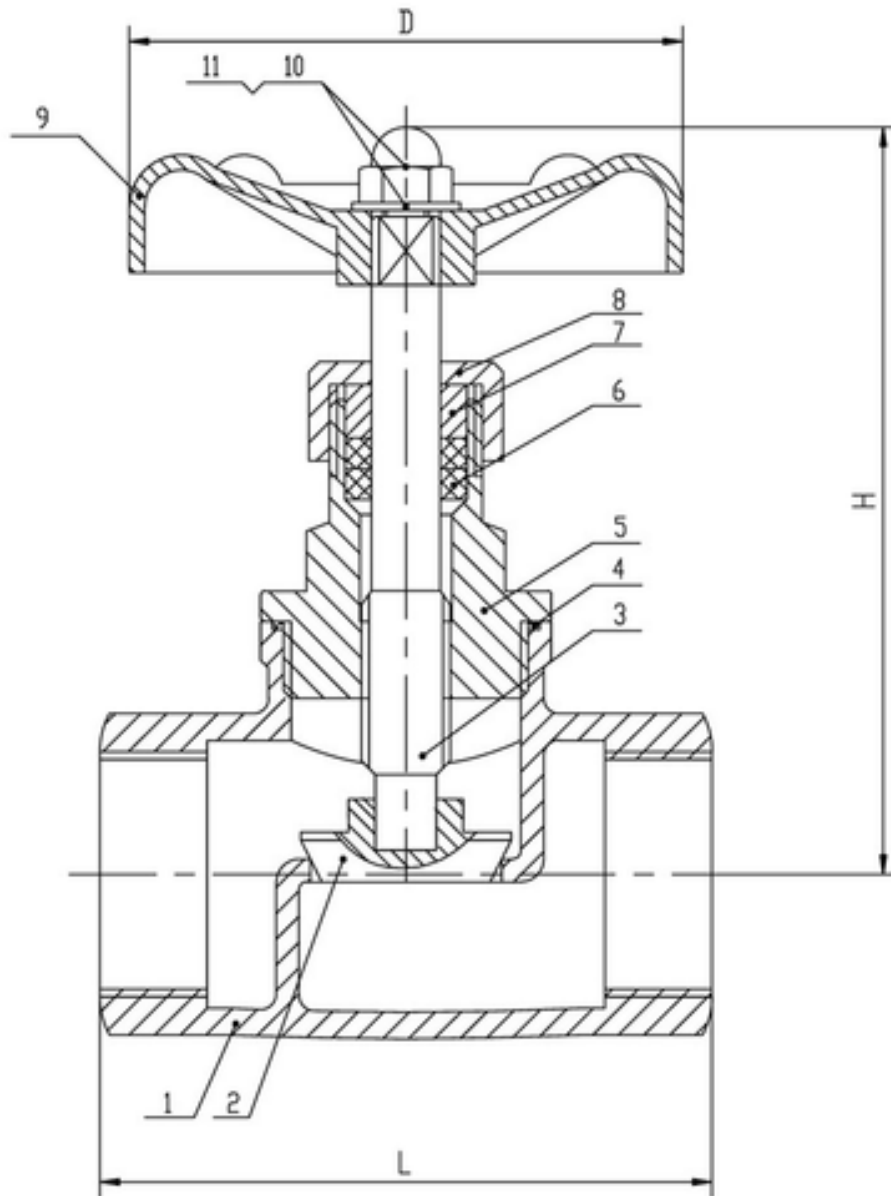


Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# SS SDNR Globe Valve - BSP

SECTION Technical drawing 1 REF EFC-74



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# SS SDNR Globe Valve - BSP

SECTION Dimensions per size REF EFC-74

SIZE	L	D	H
DN15	59	64	90
DN20	69	64	95
DN25	79	73	105
DN32	98	76	125
DN40	104	98	135
DN50	119	98	145

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

GLOBE VALVE

# Globe Valve 150Lb

REF **EFC-75** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN400</b>
Pressure	<b>Class 150</b>
End connection	<b>flanged (ANSI B16.5)</b>
Face-to-face	<b>ANSI B16.10</b>

## ACTUATION

- handwheel — Rising stem and handwheel (RS)
- handwheel — Outside screw and yoke (OSY) with bolted gland (BG)

## STANDARDS

Design	<b>ANSI B16.10</b>
--------	--------------------



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-75** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

**MATERIALS**

Body	<b>ASTM A126, ASTM A536, ASTM A216 WCB</b>	Seat	<b>Rg-5 Bronze (ASTM B62), SS304, SS316</b>
Disc	<b>Rg-5 Bronze (ASTM B62), SS304, SS316</b>	Disc nut	<b>Brass, SS304, SS316</b>
Stem	<b>CuZn35Ni, SS420, SS304, SS316</b>	Gasket	<b>Klingerite, Graphite</b>
Bonnet	<b>ASTM A126, ASTM A536, ASTM A216 WCB</b>	Back seat	<b>Brass, SS420, SS304, SS316</b>
Packing	<b>Graphite</b>	Packing nut	<b>ASTM A395, ASTM A126, WCB</b>
Gland flange	<b>ASTM A395, ASTM A126, WCB</b>	Bushing	<b>ASTM A126, ASTM A536, ASTM A216 WCB</b>
Stud	<b>Steel, SS A2, SS A4</b>	Nut	<b>Steel, SS A2, SS A4</b>
Handwheel	<b>Ductile Iron</b>	Handwheel nut	<b>Steel</b>

**FEATURES**

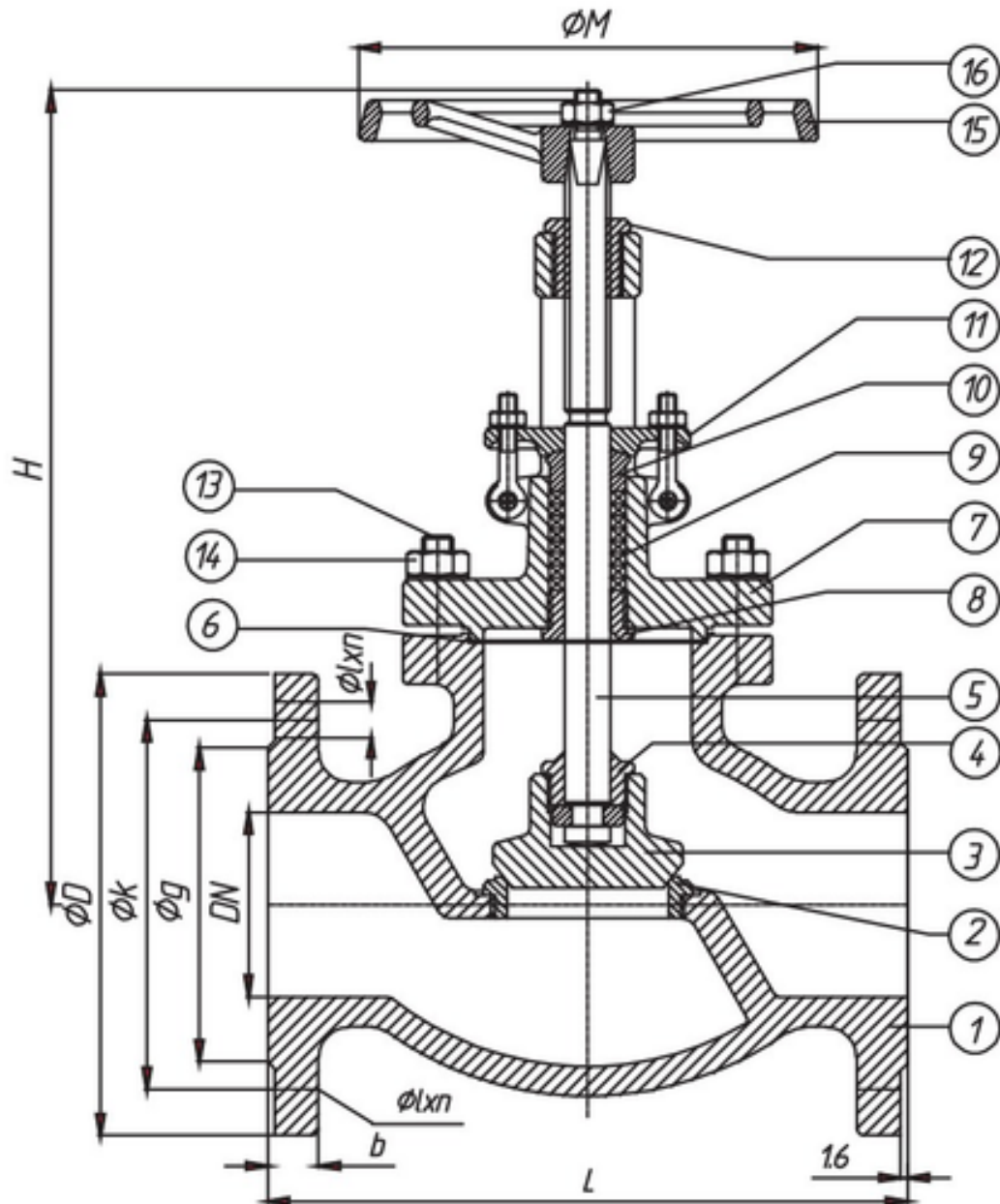
- Bolted bonnet (BB) construction
- Rising stem and handwheel (RS) option
- Outside screw and yoke (OSY) option
- Bolted gland (BG)
- Renewable seat (optional)
- Flanged end connections (FLGD)

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Globe Valve 150Lb

SECTION Technical drawing 1 REF EFC-75



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Globe Valve 150Lb

SECTION Dimensions per size REF EFC-75

SIZE	L	H	OD	OK	OG	B	OM	OIXN	WEIGHT
DN15	108	185	89	60.5	35	10	—	—	4 kg
DN20	117	205	99	70	43	10.5	100	—	4.5 kg
DN25	127	210	108	79.2	51	11.5	—	4 Ø16x4	5.5 kg
DN32	140	220	117	89	64	13	140	—	9 kg
DN40	165	240	127	98.6	73	14.5	—	—	12 kg
DN50	203	330	152.5	120.7	92	16	200	—	17 kg
DN65	216	360	178	139.7	105	17.5	—	4 Ø19x4	23 kg
DN80	241	382	190.5	152.4	127	19	250	—	37 kg
DN100	292	445	229	190.5	157	24	—	8 Ø19x8	47 kg
DN125	355.6	485	254	216	185.7	24	355	—	71 kg
DN150	406.4	540	279.5	241.3	216	25.5	—	—	86 kg
DN200	495	620	343	298.5	270	28.5	450	8 Ø22x8	130 kg
DN250	622	770	406.5	362	324	30.2	—	12 Ø22.5x12	205 kg
DN300	698.5	880	483	431.8	381	32	550	—	325 kg
DN350	787	1100	533	476	413	35	650	12 Ø29x12	—
DN400	914	1250	597	539.5	470	36.6	—	16 Ø29x16	—

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Bronze SDNR Stop Valve Straight Type (Screw Bonnet)

REF **EFC-76** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN100</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>flanged (DIN EN 1092)</b>
Face-to-face	<b>DIN EN 1092</b>

## ACTUATION

- handwheel manual — GG-25 handwheel

## STANDARDS

Test	<b>DIN EN 12266</b>
------	---------------------



## MATERIALS

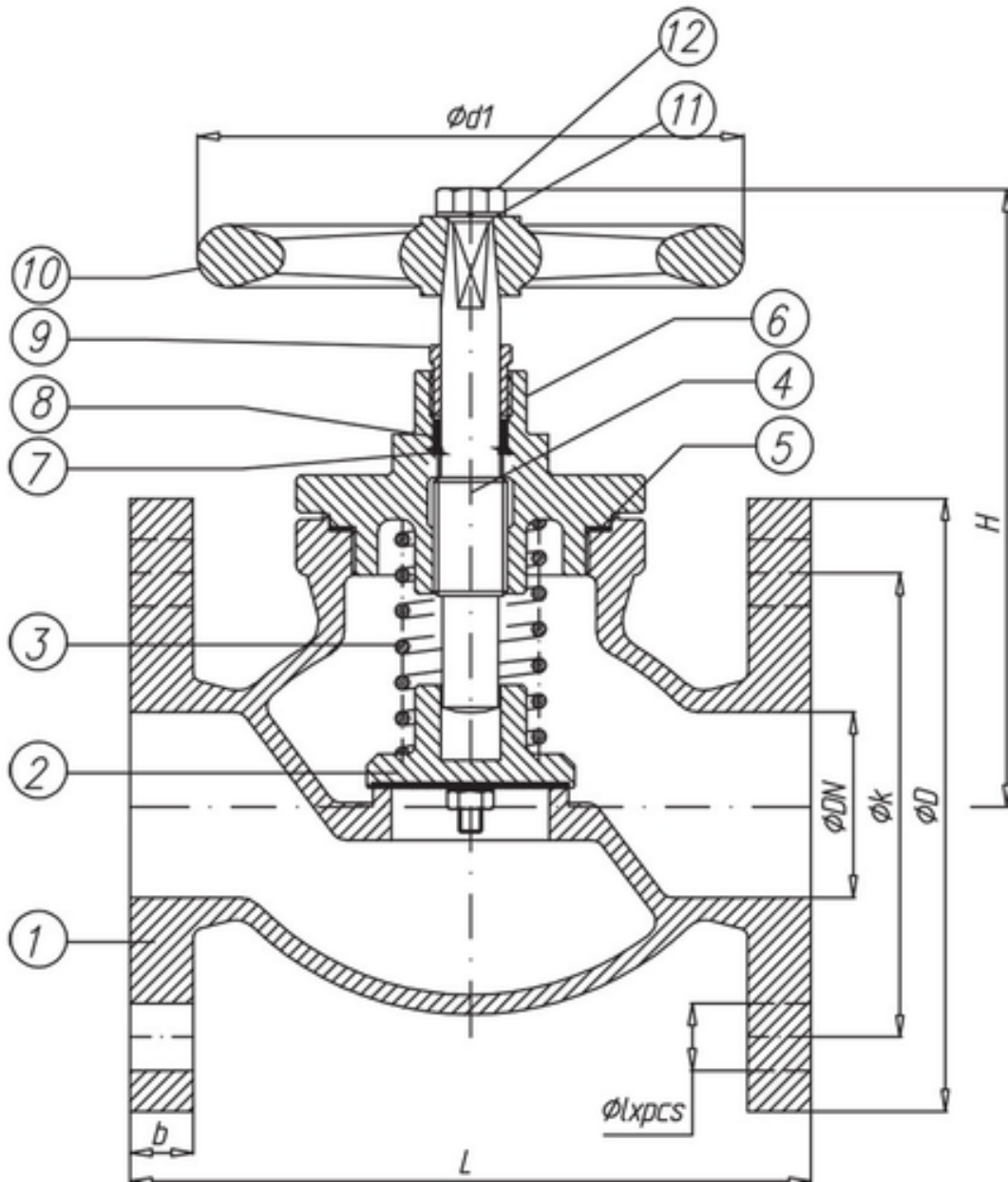
Body	<b>G-CuSn5Zn5Pb5-C</b>	Disc	<b>G-CuSn5Zn5Pb5-C</b>
Spring	<b>SS Spring Steel</b>	Stem	<b>CuZn39Pb3, CuSn8</b>
Gasket	<b>Perbunan, PTFE</b>	Bonnet	<b>G-CuSn5Zn5Pb5-C</b>
Washer 7	<b>CuZn39Pb3, PTFE</b>	Packing	<b>Graphite, PTFE</b>
Gland	<b>CuZn39Pb3</b>	Handwheel	<b>GG-25</b>
Washer 11	<b>Steel 5 Zn</b>	Bolt	<b>Steel 5 Zn</b>

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Bronze SDNR Stop Valve Straight Type (Screw Bonnet)

SECTION Technical drawing 1 REF EFC-76



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

## Bronze SDNR Stop Valve Straight Type (Screw Bonnet)

SECTION Dimensions per size REF EFC-76

SIZE	OD	OK	O1XAD	B	L	OD1	H	WEIGHT
DN15	95	65	Ø14x4	12	70	63	95	1.6 kg
DN20	105	75	Ø14x4	12	80	80	110	2.2 kg
DN25	115	85	Ø14x4	12	90	80	115	2.6 kg
DN32	140	100	Ø14x4	14	105	90	135	4.4 kg
DN40	150	110	Ø18x4	14	120	100	145	6.6 kg
DN50	165	125	Ø18x4	16	140	125	165	8.1 kg
DN65	185	145	Ø18x4	16	180	160	230	11.5 kg
DN80	200	160	Ø18x8	18	200	200	250	16.2 kg
DN100	220	180	Ø18x8	20	220	200	260	21.5 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Angle Type Globe Valve 150LB

REF **EFC-77** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN350</b>
Pressure	<b>Class 150 to Class 300</b>
End connection	<b>flanged (ANSI B16.5) / flanged (ANSI B16.5)</b>
Face-to-face	<b>ANSI B16.10, BS 1873, ASME B16.34</b>

## ACTUATION

- manual handwheel — Cast iron handwheel

## STANDARDS

Test	<b>API 598</b>
------	----------------

## MATERIALS

Body	<b>ASTM A126, A536, A216 WCB, B62, CuSN10, CF8, CF8M</b>	Seat	<b>ASTM B62, 13Cr, ASI 304, ASI 316, CuSN10</b>
Disc	<b>ASTM B62, 13Cr, ASI 304, ASI 316, CuSN10</b>	Disc nut	<b>ASTM B62, 13Cr, ASI 304, ASI 316, CuSN10</b>
Bonnet	<b>ASTM A126, A536, A216 WCB, B62, CuSN10, CF8, CF8M</b>	Packing	<b>Graphite</b>
Gland	<b>A536, A216 WCB, B62, CuSN10, CF8, CF8M</b>	T stud nut	<b>Steel, A2, A4</b>
Stem	<b>Bross, 13Cr, ASI 304, ASI 316, CuSN8</b>	Gasket	<b>Klingerite, Graphite</b>
Stud nut	<b>5.6-8</b>	Handwheel	<b>Cast Iron</b>

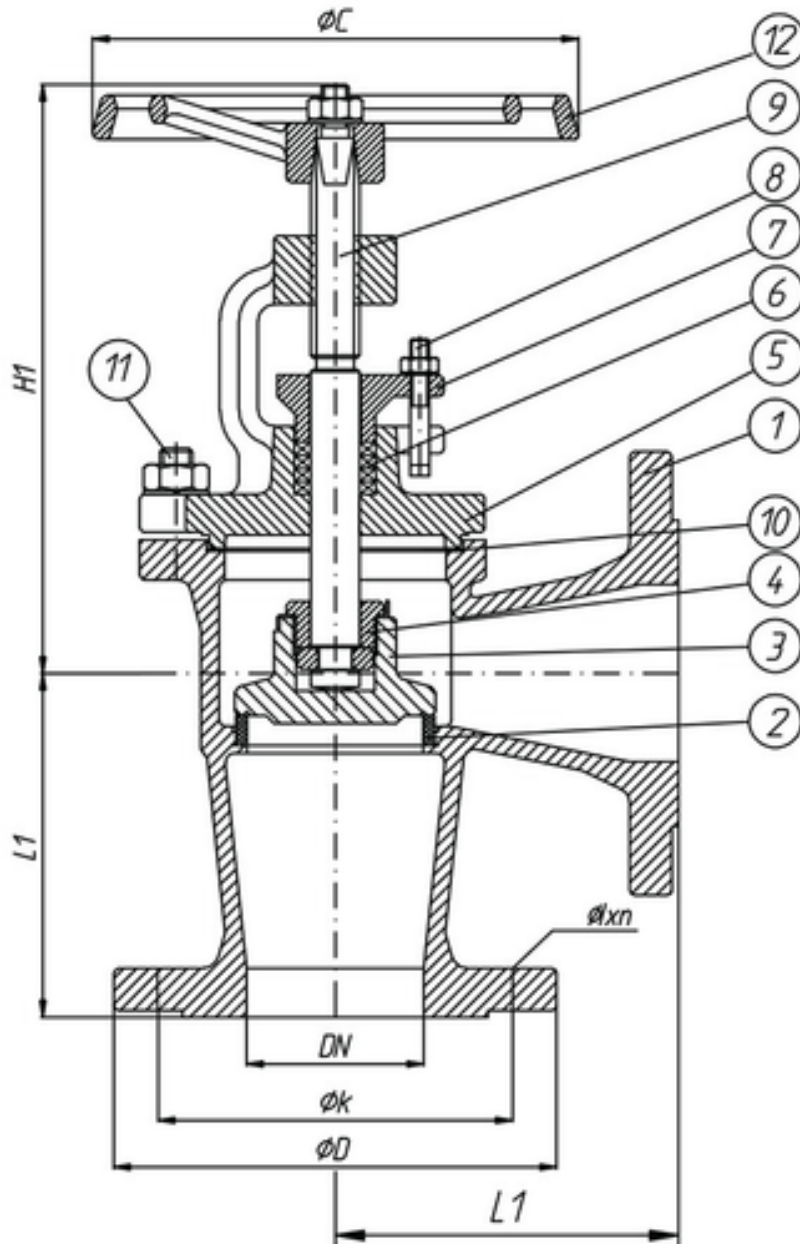


Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Angle Type Globe Valve 150LB

SECTION Technical drawing 1 REF EFC-77



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Angle Type Globe Valve 150LB

SECTION Dimensions per size REF EFC-77

SIZE	L_C150	L_C300	OC	H_MAX	D_C150	K_C150	C150 BOLTS	D_C300	K_C300	C300 BOLTS	C300 KG	WEIGHT
DN15	57	76	120	155	89	60.5	4xØ16	95	67	4xØ16	95 kg	4 kg
DN20	64	89	120	155	99	70	4xØ16	117	83	4xØ16	4.5 kg	4.5 kg
DN25	70	102	140	170	108	79.2	4xØ16	124	89	4xØ19	5.5 kg	5.5 kg
DN32	76	108	140	175	117	89	4xØ16	133	99	4xØ19	8 kg	8 kg
DN40	83	114	160	195	127	98.6	4xØ19	155	127	4xØ22	11 kg	11 kg
DN50	102	133	160	205	152	120.7	4xØ19	165	149.4	8xØ19	13 kg	13 kg
DN65	108	146	180	225	178	139.7	4xØ19	191	168	8xØ22	19 kg	19 kg
DN80	121	159	200	250	191	152.4	8xØ19	210	200.2	8xØ22	26 kg	26 kg
DN100	146	178	225	305	229	190.5	8xØ19	254	235	12xØ22	37 kg	37 kg
DN125	178	208	250	315	254	216	8xØ22	279	269.7	12xØ25	53 kg	53 kg
DN150	203	222	285	380	279	241.3	8xØ22	355.6	317.5	12xØ25	70 kg	70 kg
DN200	248	279	340	425	343	298.5	8xØ22	419.1	381	16xØ28	145 kg	140 kg
DN250	311	330	405	470	406.4	362	12xØ25	508	450.9	16xØ32	160 kg	150 kg
DN300	349	356	460	675	483	476.3	12xØ25	521	514.4	20xØ32	310 kg	300 kg
DN350	394	411	460	785	533.4	476.3	12xØ28	584	539.8	—	430 kg	415 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Straight Type SDNR Globe Valve 150Lb

REF **EFC-78** ISSUED 08 Jul 2026

## SPECIFICATIONS

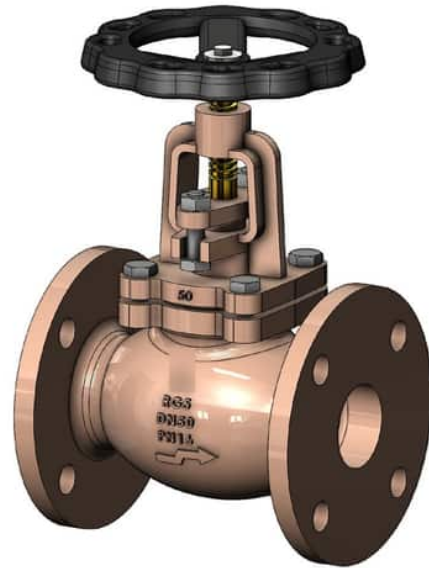
Size	<b>DN15 to DN400</b>
Pressure	<b>Class 150</b>
End connection	<b>flanged (ANSI B16.5)</b>
Face-to-face	<b>ANSI B16.10</b>

## ACTUATION

- manual handwheel — Rising stem (RS), outside screw and yoke (OSY), cast iron handwheel

## STANDARDS

Design	<b>ANSI B16.10</b>
Test	<b>API 598</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	ASTM A126, A536, A216 WCB, B62, CuSn10, CFB, CF8M	Seat	ASTM B62, 13Cr, AISI 304, AISI 316, CuSn10
Disc	ASTM B62, 13Cr, AISI 304, AISI 316, CuSn10	Spring	AISI 302
Stem	Brass, 13Cr, AISI 304, AISI 316, CuSn8	Gasket	Klingerite, Graphite
Bonnet	ASTM A126, A536, A216 WCB, B62, CuSn10, CFB, CF8M	Back seat	Bronze, SS420, SS304, SS316
Packing	Graphite	Packing nut	A536, A216 WCB, B62, CuSn10, CF8, CF8M
Gland flange	A536, A216 WCB, B62, CuSn10, CF8, CF8M	Bushing	A536, A216 WCB, B62, CuSn10, CF8, CF8M
Stud	Steel, A2, A4	Nut	Steel, A2, A4
Handwheel	Cast Iron	Handwheel nut	Galvanized Steel

**FEATURES**

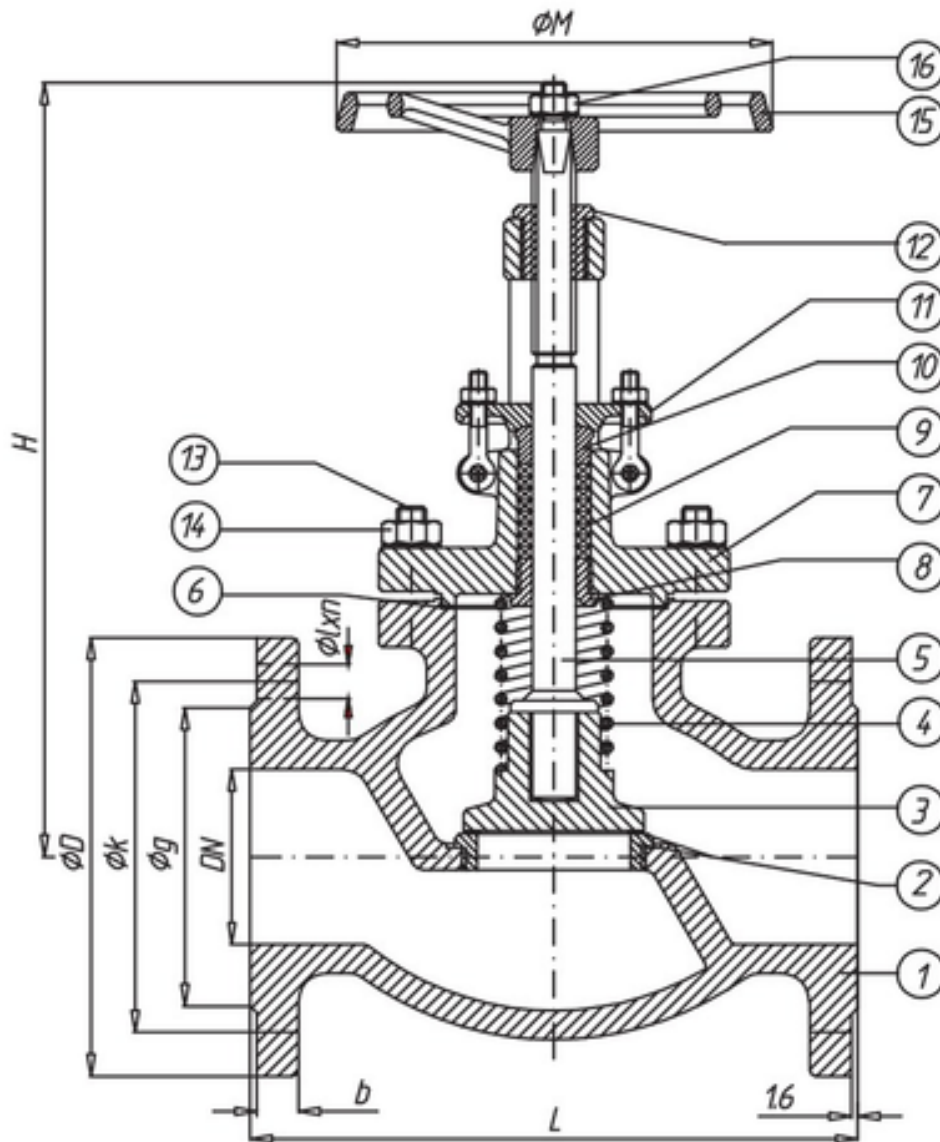
- Conical disc design
- Bolted bonnet (BB)
- Outside screw and yoke (OSY)
- Rising stem with handwheel
- Bolted gland arrangement (BG)
- Back seat provided
- Totally stainless steel or bronze discs optional in DN80 (3") and larger sizes
- Graphite packing

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Straight Type SDNR Globe Valve 150Lb

SECTION Technical drawing 1 REF EFC-78



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Straight Type SDNR Globe Valve 150Lb

SECTION Dimensions per size REF EFC-78

SIZE	L	H	OD	OK	OG	B	OM	OIXN	WEIGHT
DN15	108	185	89	60.5	35	10	—	—	4 kg
DN20	117	205	99	70	43	10.5	100	—	4.5 kg
DN25	127	210	108	79.2	51	11.5	—	—	5.5 kg
DN32	140	220	117	89	64	13	140	Ø16x4	8.5 kg
DN40	165	240	127	98.6	73	14	—	—	12 kg
DN50	203	330	152.5	120.7	92	16	200	—	18 kg
DN65	216	360	178	139.7	105	17.5	—	Ø19x4	23 kg
DN80	241	375	190.5	152.4	127	19	250	—	35 kg
DN100	292	435	229	190.5	157	24	—	Ø19x8	45 kg
DN125	355.6	485	254	216	185.7	24	350	—	70 kg
DN150	406.4	530	279.5	241.3	216	25.5	—	—	86 kg
DN200	495	615	343	298.5	270	28.5	450	Ø22x8	130 kg
DN250	622	770	406.5	362	324	30.2	—	—	205 kg
DN300	698.5	880	483	431.8	381	32	500	Ø25.5x12	325 kg
DN350	787	1100	533	476	413	35	650	Ø29x12	650 kg
DN400	914	1220	597	539.5	470	36.6	—	Ø29x16	1050 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-78** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

GLOBE VALVE

# Angle Type SDNR Globe Valve 150 Lb

REF **EFC-79** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN300</b>
Pressure	<b>Class 150</b>
End connection	<b>flanged (ASME B16.5)</b>
Face-to-face	<b>ASME B16.10</b>

## STANDARDS

Test	<b>API 598</b>
------	----------------



## MATERIALS

Body	<b>ASTM A126, A536, A216 WCB, B62, CuSn10, CF8, CF8M</b>	Seat	<b>ASTM B62, 13Cr, AISI 304, AISI 316, CuSn10</b>
Disc	<b>ASTM B62, 13Cr, AISI 304, AISI 316, CuSn10</b>	Spring	<b>AISI 302</b>
Bonnet	<b>ASTM A125, A536, A216 WCB, B62, CuSn10, CF8, CF8M</b>	Packing	<b>Klingerite, Graphite</b>
Gland	<b>ASTM A126, A536, A216 WCB, B62, CuSn10, CF8, CF8M8M</b>	T stud nut	<b>Bronze, SS420, SS304, SS316</b>
Stem	<b>Bronze, SS420, SS304, SS316</b>	Gasket	<b>Klingerite, Graphite</b>
Stud nut	<b>Steel, A2, A4</b>	Handwheel	<b>Galvanized Steel</b>

## FEATURES

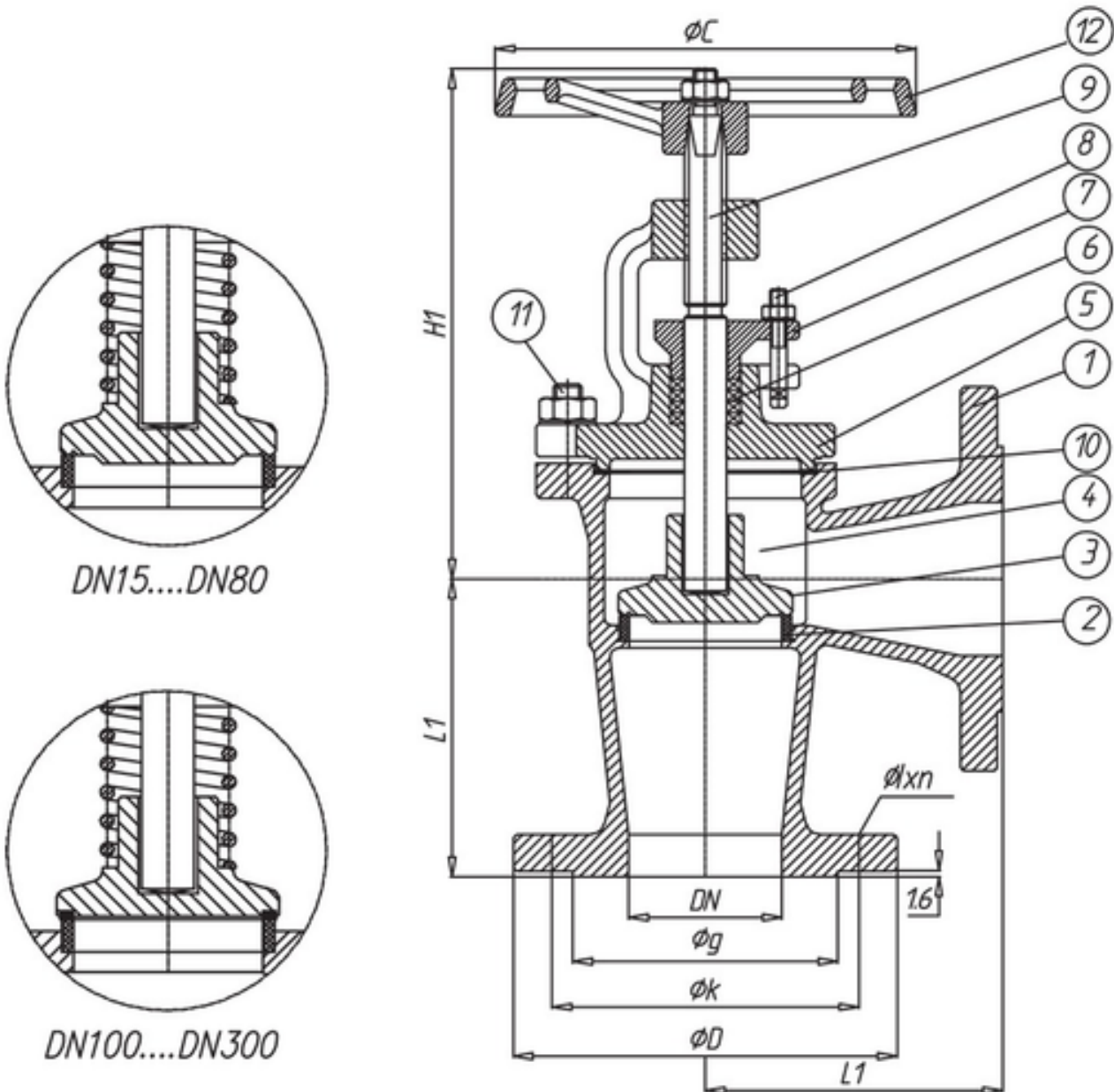
- Angle type body configuration
- SDNR (Screw-Down Non-Return) disc arrangement
- Fully stainless steel or bronze discs available as option in DN80 and larger sizes
- Two body sub-types: DN15 - DN80 and DN100 - DN300 (different bolt pattern configuration)

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Angle Type SDNR Globe Valve 150 Lb

SECTION Technical drawing 1 REF EFC-79



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Angle Type SDNR Globe Valve 150 Lb

SECTION Dimensions per size REF EFC-79

SIZE	L1	OC	H1MAX	OD	OK	OG	B	OLXN	WEIGHT
DN15	57	120	155	89	60.5	35	10	null	4 kg
DN20	64	120	155	99	70	43	10.5	null	4.5 kg
DN25	70	140	170	108	79.2	51	11.5	null	5.5 kg
DN32	83	140	175	117	89	64	13	null	7 kg
DN40	83	160	195	127	98.6	73	14.5	null	11 kg
DN50	102	160	205	152	120.7	92	16	null	13.5 kg
DN65	108	180	225	178	139.7	105	18	null	19 kg
DN80	124	200	250	191	152.4	127	19.5	null	24 kg
DN100	146	225	305	229	190.5	157	24	null	33 kg
DN125	178	250	315	254	216	186	24	null	48 kg
DN150	203	285	380	279	241.3	216	25.5	null	62 kg
DN200	248	340	425	343	298.5	270	29	null	128 kg
DN250	311	405	470	406	362	324	30.5	null	135 kg
DN300	349	460	675	483	431.8	381	32	null	270 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Angle Type Globe Valve 300LB

REF **EFC-80** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN300</b>
Pressure	<b>Class 300</b>
End connection	<b>flanged (ANSI B16.5)</b>
Face-to-face	<b>ANSI B16.10 CTC, BS 1873, ASME B16.34</b>

## ACTUATION

- manual handwheel — Cast iron handwheel

## STANDARDS

Design	<b>ASME B16.34</b>
Test	<b>API 598</b>

## MATERIALS

Body	<b>ASTM A126, A536, A216 WCB, B62, CuSN10, CF8, CF8M</b>	Seat	<b>ASTM B62, 13Cr, ASI 304, ASI 316, CuSN10</b>
Disc	<b>ASTM B62, 13Cr, ASI 304, ASI 316, CuSN10</b>	Disc nut	<b>ASTM B62, 13Cr, ASI 304, ASI 316, CuSN10</b>
Bonnet	<b>ASTM A126, A536, A216 WCB, B62, CuSN10, CF8, CF8M</b>	Packing	<b>Graphite</b>
Gland	<b>A536, A216 WCB, B62, CuSN10, CF8, CF8M</b>	T stud nut	<b>Steel, A2, A4</b>
Stem	<b>Bross, 13Cr, ASI 304, ASI 316, CuSN8</b>	Gasket	<b>Klingerite, Graphite</b>
Stud nut	<b>5.6-8</b>	Handwheel	<b>Cast Iron</b>

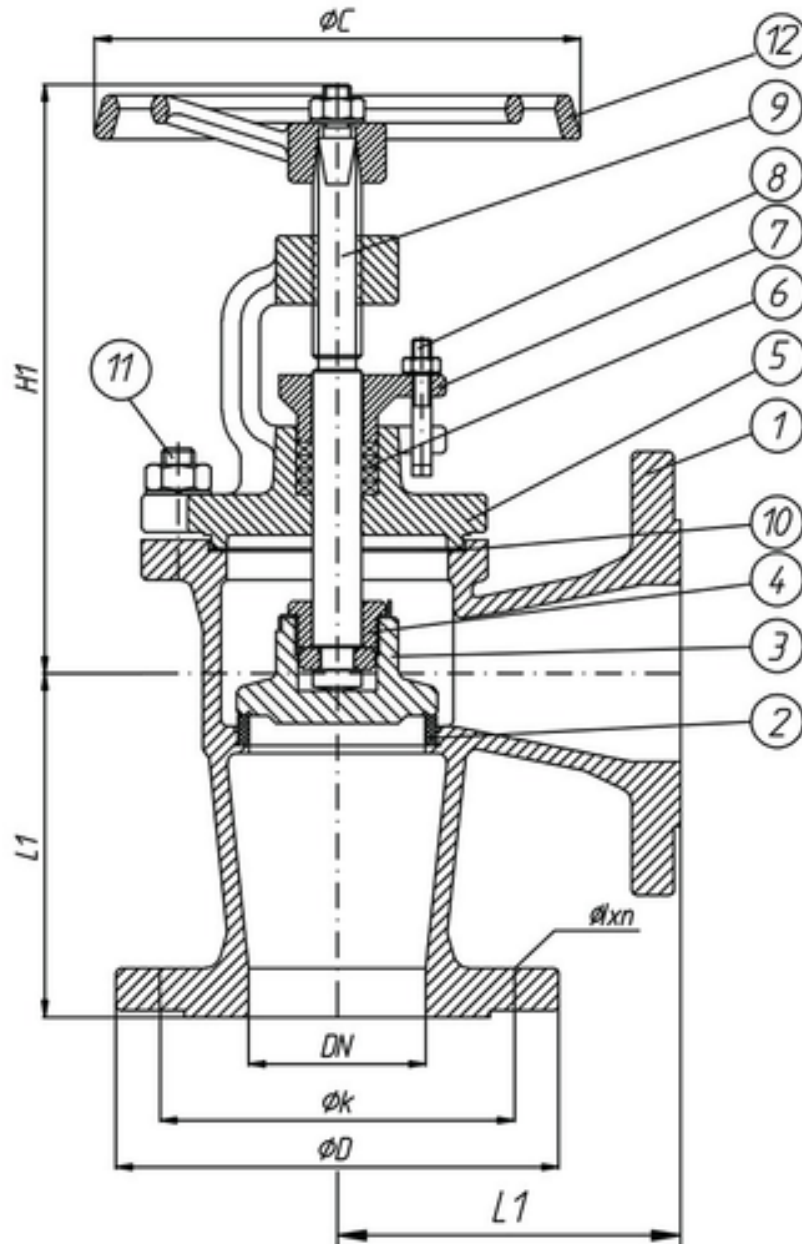


Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Angle Type Globe Valve 300LB

SECTION Technical drawing 1 REF EFC-80



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Angle Type Globe Valve 300LB

SECTION Dimensions per size REF EFC-80

SIZE	L_C300	OC	H_MAX	D	K	C300 BOLTS	WEIGHT
DN15	76	120	155	95	67	Ø16x4	95 kg
DN20	89	120	155	117	83	Ø19x4	4.5 kg
DN25	102	140	170	124	89	Ø22x4	5.5 kg
DN32	108	140	175	133	99	Ø22x4	8 kg
DN40	114	160	195	155	127	Ø19x8	11 kg
DN50	133	160	205	165	127	Ø19x8	13 kg
DN65	146	180	225	191	149.4	Ø22x8	19 kg
DN80	159	200	250	210	168	Ø22x8	26 kg
DN100	178	225	305	254	200.2	Ø22x8	37 kg
DN125	208	250	315	279	235	Ø25x12	53 kg
DN150	222	285	380	318	269.7	Ø25x12	70 kg
DN200	279	340	425	381	330.2	Ø28x16	145 kg
DN250	330	405	470	445	387.4	Ø32x16	160 kg
DN300	368	460	675	521	451	Ø32x20	310 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Aluminum Straight Globe Valve

REF **EFC-84** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN100</b>
Pressure	<b>PN16</b>
End connection	<b>flanged (EN 1092)</b>
Face-to-face	<b>Manufacturer standard (Short Pattern)</b>

## ACTUATION

- manual handwheel — Aluminium alloy handwheel

## STANDARDS

Test	<b>EN 12266</b>
------	-----------------

## MATERIALS

Body	<b>Aluminum Alloy</b>	Disc	<b>Aluminum Alloy</b>
Disc nut	<b>SS 304</b>	Gasket	<b>Klingerite</b>
Bonnet	<b>Aluminum Alloy</b>	Bolt	<b>A2 (SS304)</b>
O ring	<b>NBR</b>	Stem	<b>SS304</b>
Handwheel	<b>Aluminum Alloy</b>		

## FEATURES

- Short pattern design
- SDNR (Screw Down Non Return) type option available
- Aluminium alloy body, bonnet, disc and handwheel
- Stainless steel stem (SS304)
- Klingerite gasket sealing
- NBR O-ring

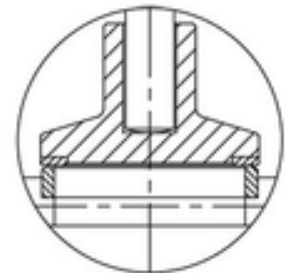
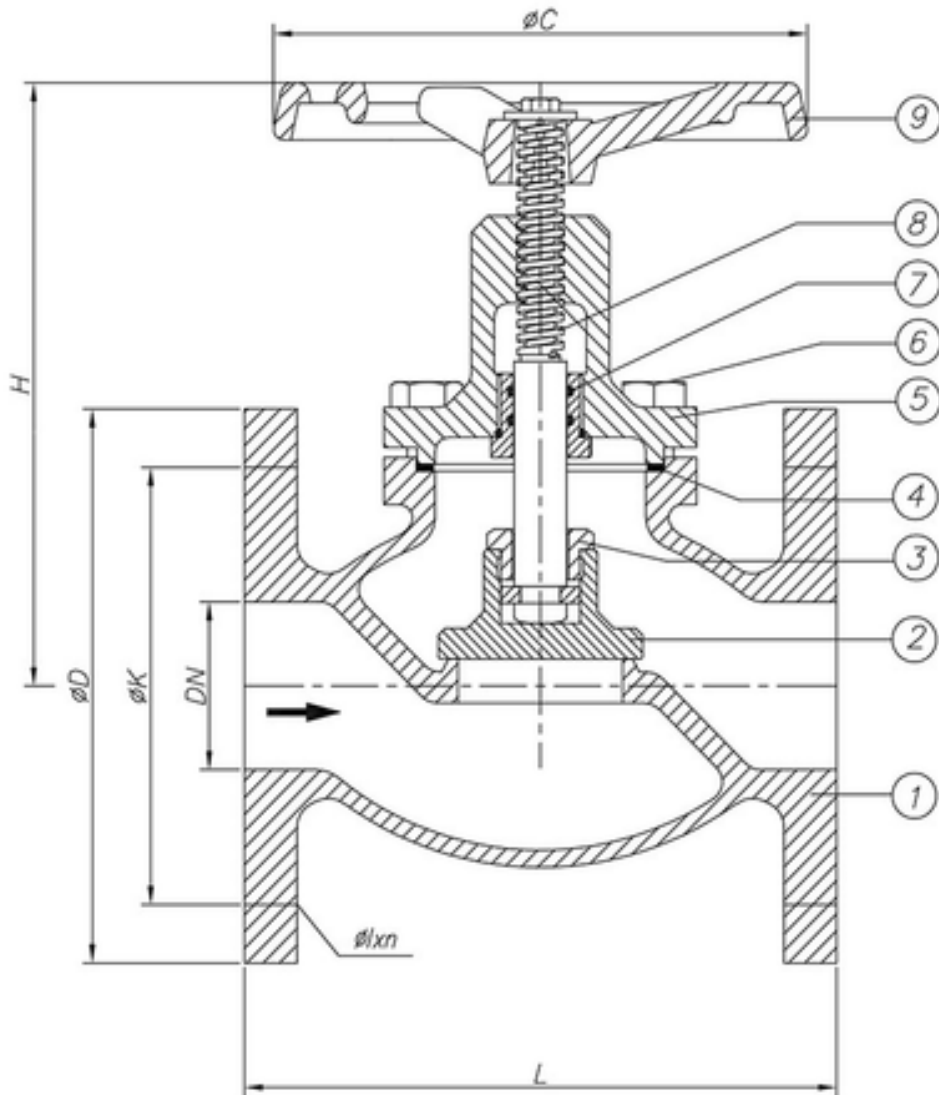


Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Aluminum Straight Globe Valve

SECTION Technical drawing 1 REF EFC-84



*Screw Down Non Return (SDNR)*

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Aluminum Straight Globe Valve

SECTION Dimensions per size REF EFC-84

SIZE	L	H	C	D	K
DN15	120	150	120	95	65
DN20	120	155	120	105	75
DN25	140	170	140	115	85
DN32	150	185	140	140	100
DN40	155	190	140	150	110
DN50	180	200	160	165	125
DN65	200	245	180	185	145
DN80	240	290	200	200	160
DN100	270	315	225	220	180

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Aluminum Angle Globe Valve PN16

REF **EFC-85** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN100</b>
Pressure	<b>PN16</b>
End connection	<b>flanged (EN 1092)</b>
Face-to-face	<b>Manufacturer Short Pattern</b>

## ACTUATION

- manual handwheel

## STANDARDS

Test	<b>EN 12266</b>
------	-----------------

## MATERIALS

Body	<b>Aluminum Alloy</b>	Disc	<b>Aluminum Alloy</b>
Disc nut	<b>SS 304</b>	Gasket	<b>Klingerite</b>
Bonnet	<b>Aluminum Alloy</b>	Bolt	<b>A2 (SS304)</b>
O ring	<b>NBR</b>	Stem	<b>SS304</b>
Handwheel	<b>Aluminum Alloy</b>		

## FEATURES

- Angle body configuration allowing 90° flow direction change
- Short pattern design
- Optional Screw Down Non Return (SDNR) function
- Aluminium alloy body and bonnet construction
- Stainless steel stem

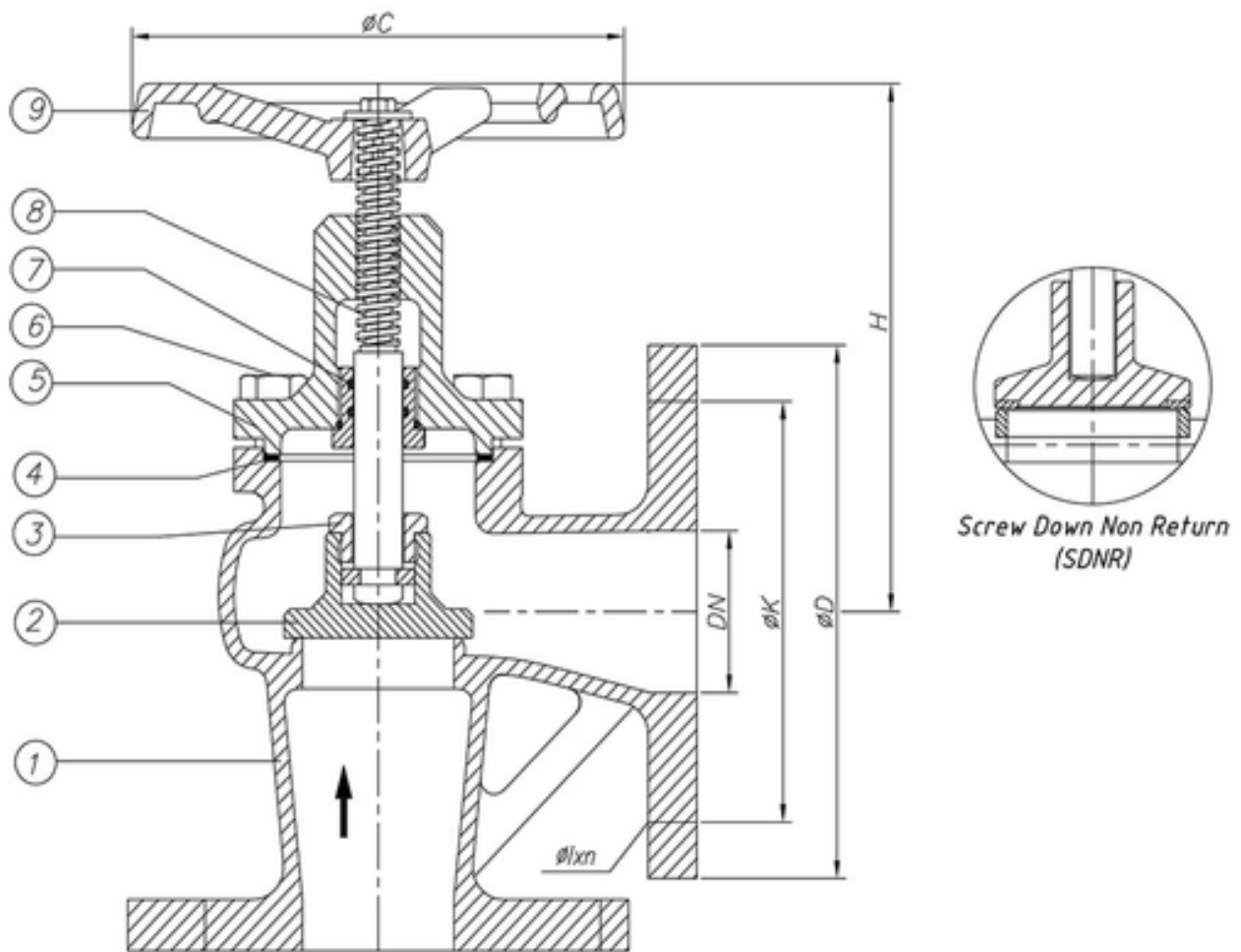


Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Aluminum Angle Globe Valve PN16

SECTION Technical drawing 1 REF EFC-85



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Aluminum Angle Globe Valve PN16

SECTION Dimensions per size REF EFC-85

SIZE	L	H	C	D	K
DN15	65	130	120	95	65
DN20	65	135	120	105	75
DN25	70	150	140	115	85
DN32	90	170	140	140	100
DN40	90	170	140	150	110
DN50	105	185	160	165	125
DN65	115	240	180	185	145
DN80	125	260	200	200	160
DN100	145	280	225	220	180

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

GLOBE VALVE

# Straight Globe Valve

REF **EFC-86** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN600</b>
Pressure	<b>PN10 to PN40</b>
End connection	<b>flanged (EN 1092-2/B) / flanged (EN 1092-2/B) / flanged (EN 1092-2/B) / flanged (EN 1092-2/B)</b>
Face-to-face	<b>EN 558 Serie 1, DIN 3202 F1</b>

## ACTUATION

- manual handwheel — GG 25 handwheel

## STANDARDS

Design	<b>DIN 3356</b>
Test	<b>EN 12266</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>GG-25, GGG-40, GS-25, Bronze, AISI 304, AISI 316, Monel, GS-17CrMo5,5</b>	Seat	<b>AISI 304, AISI 316, 13Cr Bronze, Stellite 6-21, PTFE, NBR, EPDM</b>
Disc	<b>AISI 304, AISI 316, 13Cr Bronze, GS-C 25, PTFE</b>	Disc nut	<b>Ms 58, S.S</b>
Bonnet	<b>GG-25, GGG-40, GS-25, Bronze, AISI 304, AISI 316, Monel, GS-17CrMo5,5</b>	Packing	<b>Graphite</b>
Gland	<b>GG-25, GGG-40, GS-25, Bronze, AISI 304, AISI 316, Monel, GS-17CrMo5,5</b>	T stud nut	<b>5.6, 8</b>
Stem	<b>AISI 420, AISI 304, AISI 306, 13Cr Bronze, CuSnB, Ms-58</b>	Gasket	<b>Klingerite</b>
Stud nut	<b>5.6, 8</b>	Handwheel	<b>GG 25</b>

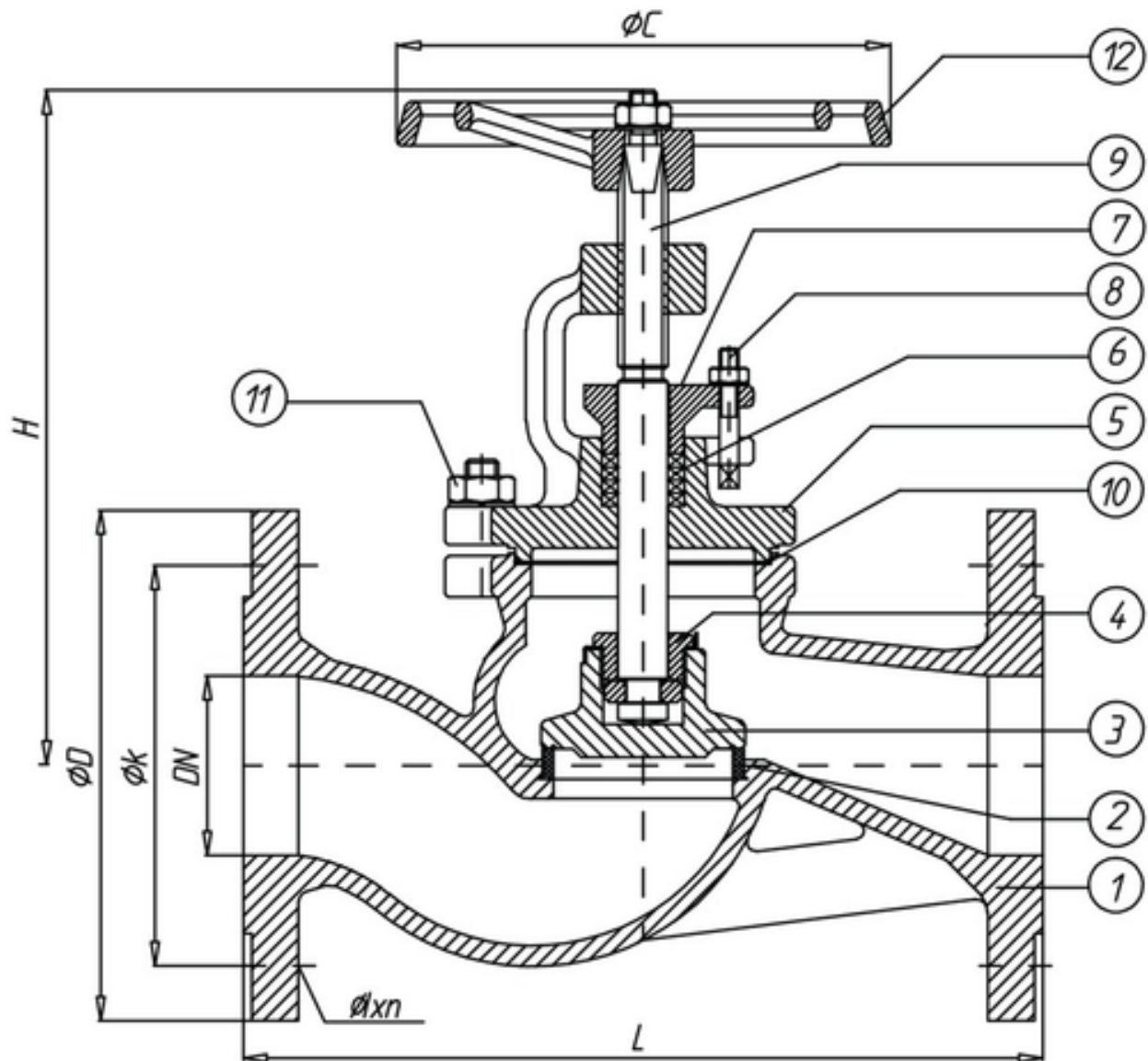
**FEATURES**

- Straight pattern globe valve body form
- Regulating disc option available
- ANSI flange option available
- Graphite packing for elevated temperature service
- Wide range of body and trim material combinations including cast iron, ductile iron, bronze, stainless steel, Monel, and alloy steel
- Stellite hard-facing option on seat rings

GLOBE VALVE

# Straight Globe Valve

SECTION Technical drawing 1 REF EFC-86



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Straight Globe Valve

SECTION Dimensions per size REF EFC-86

SIZE	D	K	BOLTS	L	OC	H_MAX	KG	WEIGHT
DN15 (PN10)	95	65	Ø14x4	130	120	185	—	3.6 kg
DN15 (PN16)	95	65	Ø14x4	130	120	185	—	3.6 kg
DN15 (PN25)	95	65	Ø14x4	130	120	185	4 kg	3.6 kg
DN15 (PN40)	95	65	Ø14x4	130	120	185	4.7 kg	3.6 kg
DN20 (PN10)	105	75	Ø14x4	150	120	185	—	4.25 kg
DN20 (PN16)	105	75	Ø14x4	150	120	185	—	4.25 kg
DN20 (PN25)	105	75	Ø14x4	150	120	185	4.5 kg	4.25 kg
DN20 (PN40)	105	75	Ø14x4	150	120	185	5 kg	4.25 kg
DN25 (PN10)	115	85	Ø14x4	160	140	195	—	5.15 kg
DN25 (PN16)	115	85	Ø14x4	160	140	195	—	5.15 kg
DN25 (PN25)	115	85	Ø14x4	160	140	195	5.75 kg	5.15 kg
DN25 (PN40)	115	85	Ø14x4	160	140	195	6 kg	5.15 kg
DN32 (PN10)	140	100	Ø18x4	180	140	205	—	6.75 kg
DN32 (PN16)	140	100	Ø18x4	180	140	205	—	6.75 kg
DN32 (PN25)	140	100	Ø18x4	180	140	205	6.85 kg	6.75 kg
DN32 (PN40)	140	100	Ø18x4	180	140	205	7 kg	6.75 kg
DN40 (PN10)	150	110	Ø18x4	200	160	230	—	9.6 kg
DN40 (PN16)	150	110	Ø18x4	200	160	230	—	9.6 kg
DN40 (PN25)	150	110	Ø18x4	200	160	230	10.2 kg	9.6 kg
DN40 (PN40)	150	110	Ø18x4	200	160	230	11.5 kg	9.6 kg
DN50 (PN10)	165	125	Ø18x4	230	180	240	—	12 kg
DN50 (PN16)	165	125	Ø18x4	230	180	240	—	12 kg
DN50 (PN25)	165	125	Ø18x4	230	180	240	12.5 kg	12 kg
DN50 (PN40)	165	125	Ø18x4	230	180	240	13 kg	12 kg
DN65 (PN10)	185	145	Ø18x8	290	200	275	—	16.4 kg
DN65 (PN16)	185	145	Ø18x8	290	200	275	—	16.4 kg
DN65 (PN25)	185	145	Ø18x8	290	200	275	18.5 kg	16.4 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Straight Globe Valve

Dimensions per size (continued) · EFC-86

SIZE	D	K	BOLTS	L	OC	H_MAX	KG	WEIGHT
DN65 (PN40)	185	145	Ø18x8	290	200	275	21 kg	16.4 kg
DN80 (PN10)	200	160	Ø18x8	310	225	290	—	23.2 kg
DN80 (PN16)	200	160	Ø18x8	310	225	290	—	23.2 kg
DN80 (PN25)	200	160	Ø18x8	310	225	290	25 kg	23.2 kg
DN80 (PN40)	200	160	Ø18x8	310	225	290	27 kg	23.2 kg
DN100 (PN10)	220	180	Ø18x8	350	250	350	—	33 kg
DN100 (PN16)	220	180	Ø18x8	350	250	350	—	33 kg
DN100 (PN25)	235	190	Ø22x8	350	250	350	35 kg	33 kg
DN100 (PN40)	235	190	Ø22x8	350	250	350	36 kg	33 kg
DN125 (PN10)	250	210	Ø18x8	400	285	410	—	55 kg
DN125 (PN16)	250	210	Ø18x8	400	285	410	—	55 kg
DN125 (PN25)	270	220	Ø26x8	400	285	410	58 kg	55 kg
DN125 (PN40)	270	220	Ø26x8	400	285	410	60.5 kg	55 kg
DN150 (PN10)	285	240	Ø22x8	480	320	430	—	87.5 kg
DN150 (PN16)	285	240	Ø22x8	480	320	430	—	87.5 kg
DN150 (PN25)	300	250	Ø26x8	480	320	430	92 kg	87.5 kg
DN150 (PN40)	300	250	Ø26x8	480	320	430	101 kg	87.5 kg
DN200 (PN10)	340	295	Ø22x12	600	400	525	—	130 kg
DN200 (PN16)	340	295	Ø22x12	600	400	525	—	130 kg
DN200 (PN25)	360	310	Ø26x12	600	400	525	150 kg	130 kg
DN200 (PN40)	375	320	Ø30x12	600	400	525	164 kg	130 kg
DN250 (PN10)	400	350	Ø22x12	730	460	630	—	204 kg
DN250 (PN16)	405	355	Ø26x12	730	460	630	—	204 kg
DN250 (PN25)	425	370	Ø30x12	730	460	630	230 kg	204 kg
DN250 (PN40)	450	385	Ø30x12	730	460	630	235 kg	204 kg
DN300 (PN10)	455	400	Ø22x12	850	460	700	—	280 kg
DN300 (PN16)	460	410	Ø26x12	850	460	700	—	280 kg
DN300 (PN25)	485	430	Ø30x16	850	460	700	300 kg	280 kg
DN300 (PN40)	515	450	Ø30x16	850	460	700	315 kg	280 kg
DN350 (PN10)	505	460	Ø22x16	980	640	760	—	370 kg
DN350 (PN16)	520	470	Ø26x16	980	640	760	—	370 kg
DN350 (PN25)	555	490	Ø33x16	980	640	760	395 kg	370 kg
DN350 (PN40)	580	510	Ø33x16	980	640	760	410 kg	370 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Straight Globe Valve

Dimensions per size (continued) · EFC-86

SIZE	D	K	BOLTS	L	OC	H_MAX	KG	WEIGHT
<b>DN400 (PN10)</b>	565	515	Ø26x16	1100	640	840	—	505 kg
<b>DN400 (PN16)</b>	580	525	Ø30x16	1100	640	840	—	505 kg
<b>DN400 (PN25)</b>	620	550	Ø36x16	1100	640	840	530 kg	505 kg
<b>DN400 (PN40)</b>	660	585	Ø36x16	1100	640	840	550 kg	505 kg
<b>DN450 (PN10)</b>	615	565	Ø26x20	1200	640	915	—	705 kg
<b>DN450 (PN16)</b>	640	585	Ø33x20	1200	640	915	—	705 kg
<b>DN450 (PN25)</b>	670	600	Ø36x20	1200	640	915	730 kg	705 kg
<b>DN450 (PN40)</b>	685	610	Ø39x20	1200	640	915	750 kg	705 kg
<b>DN500 (PN10)</b>	670	620	Ø26x20	1250	640	980	—	915 kg
<b>DN500 (PN16)</b>	715	650	Ø33x20	1250	640	980	—	915 kg
<b>DN500 (PN25)</b>	730	660	Ø36x20	1250	640	980	950 kg	915 kg
<b>DN500 (PN40)</b>	755	670	Ø39x20	1250	640	980	970 kg	915 kg
<b>DN600 (PN10)</b>	780	725	Ø26x20	1450	640	1200	—	1110 kg
<b>DN600 (PN16)</b>	840	770	Ø39x20	1450	640	1200	—	1110 kg
<b>DN600 (PN25)</b>	845	770	Ø42x20	1450	640	1200	1150 kg	1110 kg
<b>DN600 (PN40)</b>	890	795	Ø48x20	1450	640	1200	1200 kg	1110 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

GLOBE VALVE

# Angle Type Globe Valve

REF **EFC-87** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN600</b>
Pressure	<b>PN10 to PN40</b>
End connection	<b>flanged (EN 1092-2/B)</b>
Face-to-face	<b>EN 558 Serie 8, DIN 3202 F32</b>

## STANDARDS

Design	<b>DIN 3356</b>
Test	<b>EN 12266</b>



## MATERIALS

Body	<b>GG 25, GGG-40, GSC25, Bronze RG5, 304, 316</b>	Seat	<b>1.4301, Bronze</b>
Disc	<b>1.4301, Bronze</b>	Disc nut	<b>Ms 58</b>
Bonnet	<b>GG 25, GGG-40, GS-C25, Bronze RG5, 304, 316</b>	Packing	<b>Graphite</b>
Gland	<b>GG 25, GGG-40, GS-C25, Bronze RG5, 304, 316</b>	Stud nut	<b>5.6, 8</b>
Stem	<b>1.4021, Cu Zn35Ni, CuSn8</b>	Gasket	<b>Klingerite</b>
Handwheel	<b>GG 25</b>		

## FEATURES

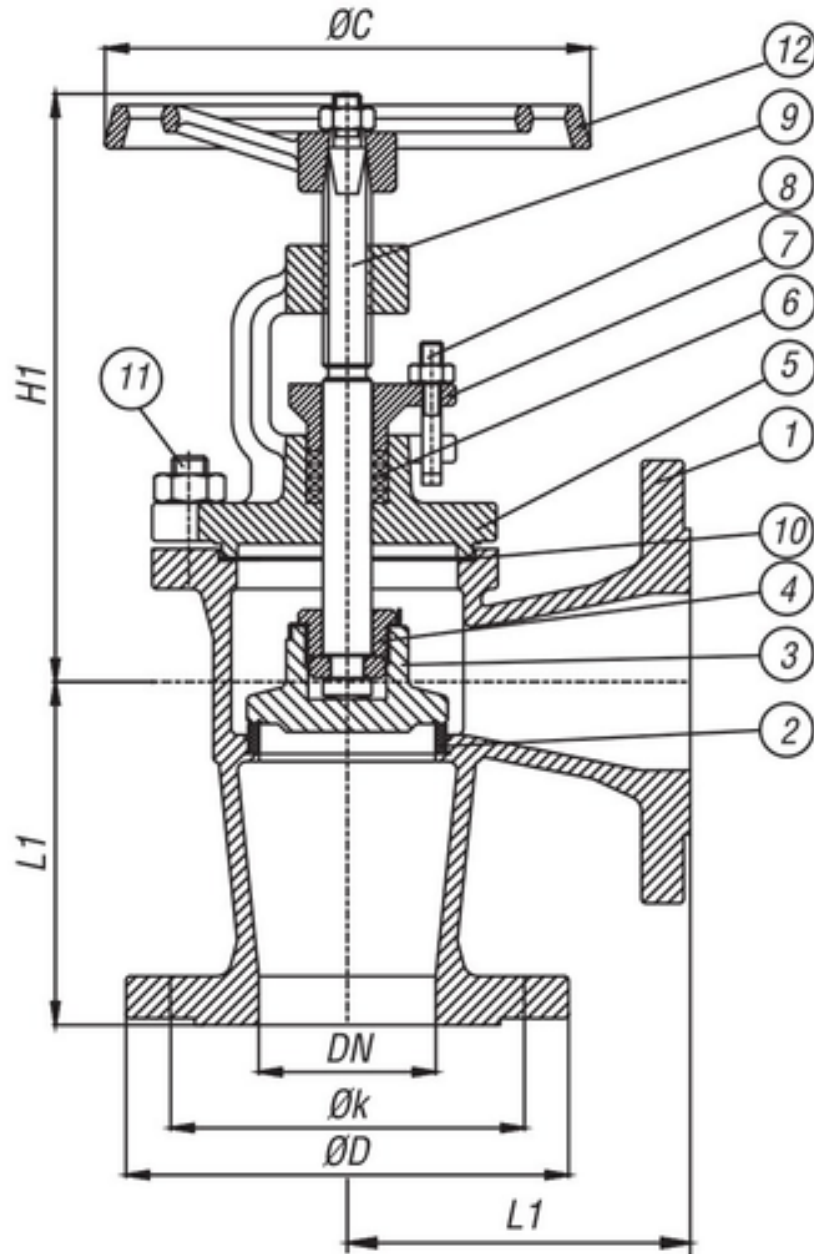
- Angle type body configuration
- Regulating disc option available
- Stroke values specified per size
- Production available up to DN600

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Angle Type Globe Valve

SECTION Technical drawing 1 REF EFC-87



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Angle Type Globe Valve

SECTION Dimensions per size REF EFC-87

SIZE	L1	H1	STROK	OCOD_PN16OK_PN16OD_PN40OK_PN40PN40 KG						WEIGHT
DN15	90	155	7	120	95	65	95	65	4 kg	4 kg
DN20	95	155	7	120	105	75	105	75	5 kg	4 kg
DN25	100	170	9	140	115	85	115	85	6 kg	5 kg
DN32	105	175	11	140	140	100	140	100	8 kg	7 kg
DN40	115	195	15	160	150	110	150	110	13 kg	11 kg
DN50	125	205	18	160	165	125	165	125	15 kg	13 kg
DN65	145	225	23	180	185	145	185	145	23 kg	19 kg
DN80	155	250	28	200	200	160	200	160	27 kg	24 kg
DN100	175	305	35	225	220	180	235	190	39 kg	33 kg
DN125	200	315	43	250	250	210	270	220	58 kg	48 kg
DN150	225	380	50	300	285	240	300	250	75 kg	62 kg
DN200	275	425	68	400	340	295	375	320	155 kg	128 kg
DN250	325	470	80	520	405	355	450	385	162 kg	135 kg
DN300	375	675	100	520	460	410	515	450	320 kg	270 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# Flange Type Globe Valve BS5152

REF **EFC-279** ISSUED 08 Jul 2026

## SPECIFICATIONS

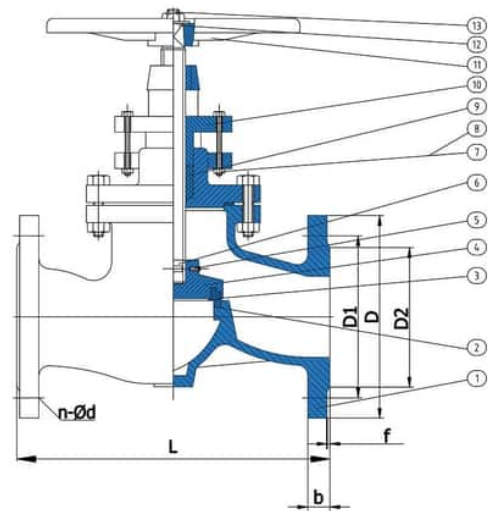
Size	DN50 to DN600
Pressure	1.0 to 1.6
End connection	flanged (ANSI B16.10)
Face-to-face	ANSI B16.10 (125LB)
Temperature	null°C to 150°C
Media	Fresh water, Sewage, Sea water, Air, Vapour, Food, Medicine, Oils, Acids, Alkalis

## ACTUATION

- manual
- worm gear
- pneumatic
- electric

## STANDARDS

Design	MSS SP-70, BS5152
--------	-------------------



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

---

Body **cast iron, ductile iron, stainless steel**

---

## FEATURES

---

- Rising stem design
- Bolted bonnet for maintenance access
- Linear motion for throttling
- Flanged end connections per ANSI B16.10 125LB

## OPTIONS & NOTES

---

- Operating mode: manual, worm gear, pneumatic, electric, etc.
- Applicable medium: Fresh water, Sewage, Sea water, Air, Vapor, Food, Medicine, Oils, Acids, Alkalis, etc.
- Test pressure: Shell 1.5-2.4 MPa, Seal 1.1-1.76 MPa

GLOBE VALVE

# Globe Valve BS5152

REF **EFC-283** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN600</b>
Pressure	<b>1.0 to 1.6</b>
End connection	<b>flanged (ANSI B16.10)</b>
Face-to-face	<b>ANSI B16.10 (125LB)</b>
Temperature	<b>null°C to 150°C</b>
Media	<b>Fresh water, Sewage, Sea water, Air, Vapour, Food, Medicine, Oils, Acids, Alkalies</b>

## ACTUATION

- manual
- worm gear
- pneumatic
- electric

## STANDARDS

Design	<b>MSS SP-70, BS5152</b>
--------	--------------------------



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

---

Body **cast iron, ductile iron, stainless steel**

---

## FEATURES

---

- Rising stem
- Bolted bonnet for maintenance access
- Linear motion design for throttling
- Flanged globe valve with outside screw and yoke (OS&Y) rising stem
- Handwheel operated
- Bolted bonnet construction
- Flanged ends to PN10, PN16, JIS 10K and ANSI 150 drilling patterns
- Face-to-face dimensions to F4, F5 and BS5163 standards
- Dimension parameters shown: L (face-to-face), D (flange OD), D1 (bolt circle diameter), D2 (visible in diagram), n-Ød (number and diameter of bolt holes), b (flange thickness), f (raised face height)

## OPTIONS & NOTES

---

- Our products hold up to 10 international authoritative certification certificates, ensuring compliance with global standards.
- Interested in our products? Fill out the form, we offer competitive prices and we try our best to reply you within 12 hours

GLOBE VALVE

## Bronze Globe Valve Straight Type (Screw Bonnet, Short Type)

REF **EFC-413** ISSUED **08 Jul 2026**

### SPECIFICATIONS

Size	<b>DN15 to DN100</b>
Pressure	<b>PN16</b>
End connection	<b>flanged (DIN EN 1092)</b>
Face-to-face	<b>DIN EN 1092</b>

### STANDARDS

Test	<b>DIN EN 12266</b>
------	---------------------



### MATERIALS

Body	<b>G-CuSn5Zn5Pb5-C, RG7, RG10</b>	Disc	<b>G-CuSn5Zn5Pb5-C, RG7, RG10</b>
Stem	<b>CuZn39Pb3, CuSn8</b>	Gasket	<b>Perbunon, PTFE</b>
Bonnet	<b>G-CuSn5Zn5Pb5-C, RG7, RG10</b>	Gland washer	<b>CuZn39Pb3, PTFE</b>
Packing	<b>Graphite + PTFE</b>	Gland	<b>CuZn39Pb3</b>
Handwheel	<b>GG 25</b>	Washer	<b>Steel 5 Zn</b>
Bolt	<b>Steel 5 Zn</b>		

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

## Bronze Globe Valve Straight Type (Screw Bonnet, Short Type)

SECTION Dimensions per size REF EFC-413

SIZE	PN16 D	PN16 K	PN16 Ø1XPCS	B	L	D1	H	WEIGHT
DN15	95	65	14x4	12	70	63	95	1.6 kg
DN20	105	75	14x4	12	80	80	110	2.2 kg
DN25	115	85	14x4	12	90	80	115	2.6 kg
DN32	140	100	14x4	14	105	90	135	4.4 kg
DN40	150	110	18x4	14	120	100	145	6.6 kg
DN50	165	125	18x4	16	140	125	165	8.1 kg
DN65	185	145	18x4	16	180	160	230	11.5 kg
DN80	200	160	18x8	18	200	200	250	16.2 kg
DN100	220	180	18x8	20	220	200	260	21.5 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

## GLOBE VALVE

**Bronze SDNR Stop Valve Straight Type (Screw Bonnet, Short Type)**REF **EFC-414** ISSUED **08 Jul 2026****SPECIFICATIONS**

Size	<b>DN15 to DN100</b>
Pressure	<b>PN16</b>
End connection	<b>flanged (DIN EN 1092)</b>

**STANDARDS**

Test	<b>DIN EN 12266</b>
------	---------------------

**MATERIALS**

Body	<b>G-CuSn5Zn5Pb5-C</b>	Disc	<b>G-CuSn5Zn5Pb5-C</b>
Spring	<b>SS Spring Steel</b>	Stem	<b>CuZn39Pb3, CuSn8</b>
Gasket	<b>Perbunan, PTFE</b>	Bonnet	<b>G-CuSn5Zn5Pb5-C</b>
Washer	<b>CuZn39Pb3, PTFE</b>	Packing	<b>Graphite, PTFE</b>
Gland	<b>CuZn39Pb3</b>	Handwheel	<b>GG-25</b>
Bolt	<b>Steel 5 Zn</b>		

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

## Bronze SDNR Stop Valve Straight Type (Screw Bonnet, Short Type)

SECTION Dimensions per size REF EFC-414

SIZE	L	H	D1	PN16 D	PN16 K	PN16 BOLT	PN16 B	WEIGHT
DN15	70	95	63	95	65	Ø14x4	12	1.6 kg
DN20	80	110	80	105	75	Ø14x4	12	2.2 kg
DN25	90	115	80	115	85	Ø14x4	12	2.6 kg
DN32	105	135	90	140	100	Ø14x4	14	4.4 kg
DN40	120	145	100	150	110	Ø18x4	14	6.6 kg
DN50	140	165	125	165	125	Ø18x4	16	8.1 kg
DN65	180	230	160	185	145	Ø18x4	16	11.5 kg
DN80	200	250	200	200	160	Ø18x8	18	16.2 kg
DN100	220	260	200	220	180	Ø18x8	20	21.5 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GLOBE VALVE

# DIN Cast Steel Globe Valve

REF **EFC-437** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN400</b>
Pressure	<b>PN10 to PN100</b>
End connection	<b>flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (DIN 2542) / flanged (DIN 2543) / flanged (DIN 2544) / flanged (DIN 2545) / flanged (DIN 2546) / flanged (DIN 2547)</b>
Face-to-face	<b>DIN 3202-F1, DIN 3202-F2</b>

## ACTUATION

- handwheel — Ductile iron handwheel

## STANDARDS

Design	<b>BS EN 13709, BS 1873</b>
Test	<b>DIN 3230, API 598</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>GS-C25, 1.0619, 1.4308, 1.4408, WCB, LCB, WC6, CF8, CF8M, CF3, CF3M, CF8C, 1.4803</b>	Disc	<b>ASTM A105 + 13Cr, ASTM A105 + STL, ASTM A182 F304, ASTM A182 F316</b>
Disc nut	<b>Carbon steel, ASTM A182 F304, ASTM A182 F316</b>	Stem	<b>ASTM A182 F6a/420, ASTM A182 F304, ASTM A182 F316</b>
Gasket	<b>Graphite + SS304, Graphite + SS316</b>	Bonnet	<b>GS-C25, 1.4308, 1.4408</b>
Bonnet bolt	<b>ASTM A193 B7, ASTM A193 B8</b>	Bonnet nut	<b>ASTM A194 2H, ASTM A194 8</b>
Stem packing	<b>Graphite, PTFE</b>	Gland	<b>A182 F6a, A182 F304, A182 F316</b>
Gland flange	<b>GS-C25, 1.4308, 1.4408</b>	Gland eyebolt	<b>ASTM A193 B7, ASTM A193 B8</b>
Gland nut	<b>ASTM A194 2H, ASTM A194 8</b>	Stem nut	<b>Copper alloy, A439 D2</b>
Handwheel	<b>Ductile Iron</b>		

**FEATURES**

- Bolted bonnet construction
- Graphite stem packing
- Graphite spiral wound gasket with stainless steel winding
- Multiple trim options: 13Cr, Stellite, F304, F316
- Available with PTFE or graphite stem packing

GLOBE VALVE

# DIN Cast Steel Globe Valve

SECTION Dimensions per size REF EFC-437

SIZE	D	D1	D2	B	F	N-Ø	L	H	ØW
DN15 (PN16)	95	65	45	16	2	4	130	198	120
DN15 (PN25)	95	65	45	16	2	4	130	198	120
DN20 (PN16)	105	75	58	18	2	4	150	250	140
DN20 (PN25)	105	75	58	18	2	4	150	250	140
DN25 (PN16)	115	85	68	18	2	4	160	266	160
DN25 (PN25)	115	85	68	18	2	4	160	266	160
DN32 (PN16)	140	100	78	18	2	4	180	298	180
DN32 (PN25)	140	100	78	18	2	4	180	298	180
DN40 (PN16)	150	110	88	18	3	4	200	315	200
DN40 (PN25)	150	110	88	18	3	4	200	315	200
DN50 (PN16)	165	125	102	20	3	4	300	450	250
DN50 (PN25)	165	125	102	20	3	4	300	450	250
DN50 (PN40)	165	125	102	20	3	4	300	450	250
DN50 (PN63)	180	135	102	26	3	4	300	450	250
DN50 (PN100)	195	145	102	30	3	8	300	450	250
DN65 (PN16)	185	145	122	18	3	4	340	495	250
DN65 (PN25)	185	145	122	22	3	8	340	495	250
DN65 (PN40)	185	145	122	22	3	8	340	495	250
DN65 (PN63)	205	160	122	26	3	8	340	495	250
DN65 (PN100)	220	170	122	34	3	8	340	495	250
DN80 (PN16)	200	160	138	20	3	8	380	531	280
DN80 (PN25)	200	160	138	24	3	8	380	531	280
DN80 (PN40)	200	160	138	24	3	8	380	531	280
DN80 (PN63)	215	170	138	28	3	8	380	531	280
DN80 (PN100)	230	180	138	36	3	8	380	531	280
DN100 (PN16)	220	180	158	20	3	8	430	590	350
DN100 (PN25)	235	190	162	24	3	8	430	590	350

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## DIN Cast Steel Globe Valve

Dimensions per size (continued) · EFC-437

SIZE	D	D1	D2	B	F	N-Ø	L	H	ØW
<b>DN100 (PN40)</b>	235	190	162	24	3	8	430	590	350
<b>DN100 (PN63)</b>	250	200	162	30	3	8	430	590	350
<b>DN100 (PN100)</b>	265	210	162	40	3	8	430	590	350
<b>DN125 (PN16)</b>	250	210	188	22	3	8	500	650	350
<b>DN125 (PN25)</b>	270	220	188	24	3	8	500	650	350
<b>DN125 (PN40)</b>	270	220	188	24	3	8	500	650	350
<b>DN125 (PN63)</b>	295	240	188	34	3	8	500	650	350
<b>DN125 (PN100)</b>	315	250	188	40	3	8	500	650	350
<b>DN150 (PN16)</b>	285	240	212	22	3	8	550	720	400
<b>DN150 (PN25)</b>	300	250	218	28	3	8	550	720	400
<b>DN150 (PN40)</b>	300	250	218	28	3	8	550	720	400
<b>DN150 (PN63)</b>	345	280	218	36	3	8	550	720	400
<b>DN150 (PN100)</b>	355	290	218	44	3	12	550	720	400
<b>DN200 (PN16)</b>	340	295	268	24	3	12	650	820	450
<b>DN200 (PN25)</b>	360	310	278	30	3	12	650	820	450
<b>DN200 (PN40)</b>	375	320	285	30	3	12	650	820	450
<b>DN200 (PN63)</b>	415	345	285	42	3	12	650	820	450
<b>DN200 (PN100)</b>	430	360	285	52	3	12	650	820	450
<b>DN250 (PN40)</b>	450	385	345	32	3	12	730	910	550

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

GLOBE VALVE

# Throttle Globe Valve

REF **EFC-496** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>NPS2 to NPS12</b>
Pressure	<b>Class 150 / PN20 to Class 2500 / PN420</b>
Temperature	<b>-29°C to 540°C</b>
Media	<b>High-temperature and high-pressure working media, Toxic and hazardous liquids, General pipeline media where precise flow regulation is not critical</b>

## ACTUATION

- Handwheel (manual)

## STANDARDS

Design	<b>BS 1873, API 623, ASME B16.34</b>
--------	--------------------------------------

## APPLICATIONS

- Power industry
- Petroleum refining
- Petrochemical industry
- Marine oil
- Urban water supply engineering
- Chemical industry



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

---

Body **Carbon Steel, Stainless Steel, Alloy Steel**

---

## FEATURES

---

- Minimal friction between valve flap and seat during opening and closing, reducing wear
- Relatively short travel height
- Quick opening and closing action
- Good sealing performance
- Simple and compact overall structure
- Lower cost compared to a regulating (control) valve for throttling duties
- Valve flap does not contact seat prior to final closure, reducing seat wear

GLOBE VALVE

# General Globe Valve (Double Disc)

REF **EFC-498** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>NPS4 to NPS20</b>
Pressure	<b>Class 150 / PN20 to Class 2500 / PN420</b>
Temperature	<b>-29°C to 540°C</b>
Media	<b>High-temperature and high-pressure working media, Toxic and harmful risk liquids, General pipeline fluids</b>

## ACTUATION

- handwheel — Manual operation via handwheel applying torque to valve stem

## STANDARDS

Design	<b>BS 1873, API 623, ASME B16.34</b>
--------	--------------------------------------

## APPLICATIONS

- Power industry
- Petroleum refining
- Petrochemical industry
- Marine oil
- Tap water engineering in urban construction
- Chemical industry
- High-pressure or large-diameter pipelines
- Pipelines requiring long-term sealing and leakage prevention



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

---

Body **Carbon Steel, Stainless Steel, Alloy Steel**

---

## FEATURES

---

- Double disc design balances pressure between inlet and outlet, reducing opening torque
- Medium enters from the top of the disc cover, with medium force acting in the same direction as valve closure, reducing closing torque
- Disc does not contact seat surface during opening or closing travel, reducing seating surface wear
- Short travel height
- Sensitive actuation with good sealing performance
- Quick opening and closing with low operating torque
- Compact overall structure

## OPTIONS & NOTES

---

- Technical specification available for download (content not provided on page)

GLOBE VALVE

# General Globe Valve (Single Disc)

REF **EFC-499** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>NPS 2 to NPS 12</b>
Pressure	<b>Class 150 / PN20 to Class 2500 / PN420</b>
Temperature	<b>-29°C to 540°C</b>
Media	<b>high-temperature and high-pressure working media, toxic and harmful liquids, general industrial fluids</b>

## ACTUATION

- handwheel

## STANDARDS

Design	<b>BS1873, API 623, ASME B16.34</b>
--------	-------------------------------------

## APPLICATIONS

- Power industry
- Petroleum refining
- Petrochemical industry
- Marine oil
- Urban water supply
- Chemical industry

## MATERIALS

Body	<b>Carbon Steel, Stainless Steel, Alloy Steel</b>
------	---

## FEATURES

- Disc does not contact seat during opening and closing travel, reducing friction and seat wear
- Relatively short stem travel
- Good sealing performance
- Simple and compact overall structure
- Suited to low-pressure or small-diameter pipelines due to high closing torque characteristic of single-disc design



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Lug Type Dual Plate Check Valve

REF **EFC-7** ISSUED 08 Jul 2026

## SPECIFICATIONS

End connection **lug**



## FEATURES

- Dual-plate wafer check valve design visible in product photo
- Spring-loaded twin disc configuration
- Lugged/wafer body style with bolt holes around perimeter
- Stainless steel construction visible

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-7** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

CHECK VALVE

# Wafer Dula Plate Check Valve

REF **EFC-8** ISSUED 08 Jul 2026

## SPECIFICATIONS

---



## FEATURES

---

- Dual-plate wafer check valve construction visible - two semi-circular discs with central hinge pin and spring mechanism
- Wafer-style body for installation between flanges
- Lifting eye/lug visible at top of body

---

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Forged Steel Check Valve

REF **EFC-19** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>NPS 1/2" to NPS 2"</b>
Pressure	<b>Class 150 to Class 2500</b>
End connection	<b>flanged / socket weld / butt weld / flanged</b>
Temperature	<b>-29°C to 550°C</b>
Media	<b>water, steam, oil, nitric acid, acetic acid</b>

## STANDARDS

Design	<b>API</b>
--------	------------

## APPLICATIONS

- Tap water pipelines
- Food industry pipelines
- Pharmaceutical industry pipelines
- Electric power pipelines
- Petroleum pipelines
- Liquefied gas pipelines
- Steam pipelines



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-19** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

**MATERIALS**

Body	A105N, A182 F22, A182 F304(L), A182 F316(L), A105N (forged carbon steel)	Disc	A276 420, A276 F22, A276 304(L), A276 F316(L)
Stem	A182 F6a, A182, A182 F304(L), A182 F316(L)	Gasket	316+Flexible graphite, 316+PTFE
Bonnet	A105N, A182 F22, A182, F304(L), F316(L)		

**FEATURES**

- Design and manufacture according to API standards
- 600LB and above gate and seat overlaid with Stellite for wear resistance, high temperature resistance, and corrosion resistance
- Valve stem tempered and surface nitrided for corrosion resistance and scratch resistance
- Wedge elastic gate structure with rolling bearings on medium and large diameters
- 1500LB and 2500LB middle cavity uses pressure self-tightening sealing structure
- Inverted seal uses stainless steel threaded connection sealing seat or body overlay welding austenitic stainless steel; packing can be replaced without stopping flow
- Flanged end connections
- Size 1 inch, Class 150 pressure rating cast on body
- Heat code H21 marked on body

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Lug Type Double Plate Check Valve

REF **EFC-26** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>NPS 8" to NPS 60"</b>
Pressure	<b>Class 150 to Class 900</b>
End connection	<b>lug (ASME B16.5) / lug (ASME B16.47)</b>
Face-to-face	<b>API 594, API 6D, ASME B16.10</b>

## STANDARDS

Design	<b>API 594, API 6D, ASME B16.34</b>
Test	<b>API 598, API 6D</b>



## MATERIALS

Body	<b>WCB, 304, 316, 316L</b>	O ring	<b>NBR, VITON</b>
Disc	<b>304, 316, 316L</b>	Gland	<b>304, 316, 316L</b>
Shaft	<b>304, 316, 316L</b>	Forged body alternative	<b>A105, C5, WC6, WC9</b>

## FEATURES

- Short face-to-face dimension facilitates installation, handling, storage and pipeline layout
- Dual-flap design reduces fluid resistance compared to single-disc construction
- Each flap is half the size of a full single disc, halving the rotation radius and reducing travel time to closed position by up to 50%
- Reduced flap weight minimises slamming and water hammer
- Dual-plate (double-disc) lug-type wafer check valve
- Lug-style body with threaded bolt holes for end-of-line installation
- Lifting eye/lug at top of body
- Stainless steel disc plates with visible centre hinge pin
- Heavy-wall cast body construction

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Swing type female thread check valve

REF **EFC-46** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>1/2" to 4"</b>
Pressure	<b>200 WOG</b>
End connection	<b>threaded (NPT) / threaded (BSPT) / threaded (BSPP)</b>
Media	<b>oil, gas, water, acid liquid</b>

## APPLICATIONS

- Prevention of medium backflow
- Water meter protection from unstable water pressure
- Prevention of hot water backflow in domestic pipework
- Prevention of tap water contamination
- Prevention of tap water flowing to outside pipe



## MATERIALS

Body	<b>CF8M, CF8</b>	Bonnet	<b>CF8M, CF8</b>
Disc	<b>CF8M, CF8</b>	Body sealing	<b>PTFE</b>
Spring	<b>SS201, SS304, SS316</b>		

## FEATURES

- Short structure, small size and light weight
- Disc closes quickly with low water hammer pressure
- Smooth flow channel with low fluid resistance
- Sensitive action with good sealing performance
- Suitable for horizontal installation
- Valve plate uses dual torsion spring design for rapid self-closing
- Rapid closing effect eliminates water hammer
- Swing check valve type with threaded (BSP/NPT) end connections visible on product
- Swing check valve with angle/tilted body configuration visible on second product photo
- Casting markings on body: 'CF8M 2CR' (indicating CF8M stainless steel body material, Class 200 pressure rating)

## OPTIONS & NOTES

- MOQ: 20 pcs
- Sample available: Yes, sample is free

CHECK VALVE

# Swing Check Valve

REF **EFC-88** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN1200</b>
Pressure	<b>PN40</b>
End connection	<b>flanged (EN 1092-2/B)</b>
Face-to-face	<b>EN 558 Serie 48, DIN 3202 F6, TS 457/1, DIN EN 558-1/48</b>
Temperature	<b>-10°C to 120°C</b>

## STANDARDS

Design	<b>DIN 3202/2-F6</b>
Test	<b>EN 12266, API 598</b>



## MATERIALS

Body	<b>GG 25, GGG-40, GS-C 25</b>	Seat	<b>Ms 58, SS, Bronze</b>
Disc	<b>GG 25, GGG-40, GS-C 25</b>	Disc seat	<b>EPDM, SS, Bronze</b>
Disc arm	<b>GGG 40, GGG 50</b>	Pin	<b>Ms 58, SS, Bronze</b>
Stem	<b>Ms 58, SS, Bronze</b>	Gasket	<b>EPDM, Klingerit</b>
Bonnet	<b>GG 25, GGG-40, GS-C 25</b>	Bolt	<b>5.6 A2, A4</b>
Lever	<b>GGG 40, GGG 50</b>	Weight	<b>GG 20</b>

## FEATURES

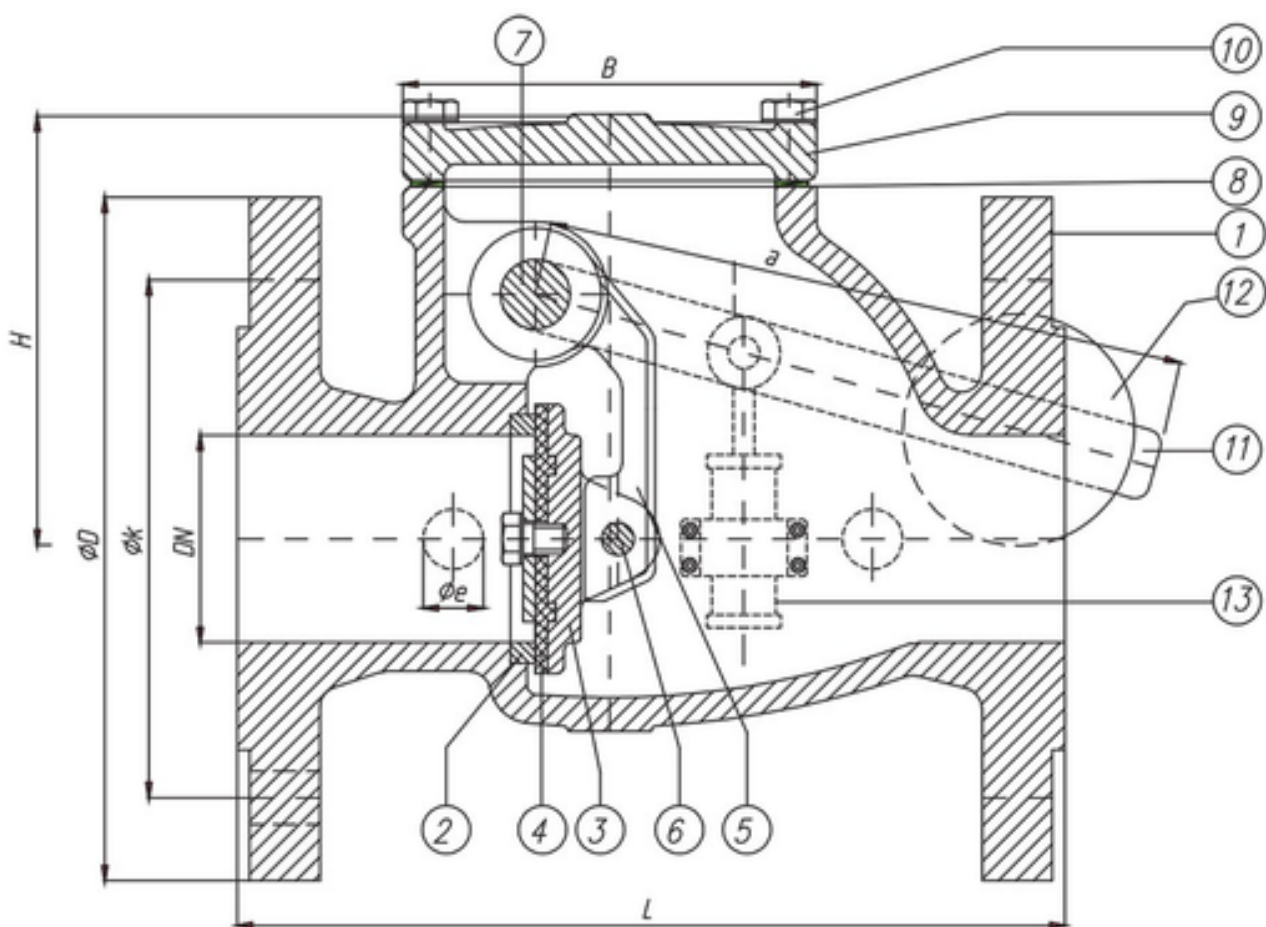
- Swing disc design with pivoting disc arm
- Counter weight optional
- Hydraulic damper optional
- By-pass connection available (sizes DN40 - DN1200 depending on pressure class)

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Swing Check Valve

SECTION Technical drawing 1 REF EFC-88



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Swing Check Valve

SECTION Dimensions per size REF EFC-88

SIZE	D	K	L	H	B	A	OE
DN40 (PN10)	150	110	180	100	112	200	O15
DN40 (PN16)	150	110	180	100	112	200	O15
DN40 (PN25)	150	110	180	100	112	200	O15
DN40 (PN40)	150	110	180	100	112	200	O15
DN50 (PN10)	165	125	200	110	112	200	O15
DN50 (PN16)	165	125	200	110	112	200	O15
DN50 (PN25)	165	125	200	110	112	200	O15
DN50 (PN40)	165	125	200	110	112	200	O15
DN65 (PN10)	185	145	240	130	152	300	O15
DN65 (PN16)	185	145	240	130	152	300	O15
DN65 (PN25)	185	145	240	130	152	300	O15
DN65 (PN40)	185	145	240	130	152	300	O15
DN80 (PN10)	200	160	260	145	158	300	O15
DN80 (PN16)	200	160	260	145	158	300	O15
DN80 (PN25)	200	160	260	145	158	300	O15
DN80 (PN40)	200	160	260	145	158	300	O15
DN100 (PN10)	220	180	300	170	240	300	O15
DN100 (PN16)	220	180	300	170	240	300	O15
DN100 (PN25)	235	190	300	170	240	300	O15
DN100 (PN40)	235	190	300	170	240	300	O15
DN125 (PN10)	250	210	350	195	275	400	O25
DN125 (PN16)	250	210	350	195	275	400	O25
DN125 (PN25)	270	220	350	195	275	400	O25
DN125 (PN40)	270	220	350	195	275	400	O25
DN150 (PN10)	285	240	400	205	336	400	O25
DN150 (PN16)	285	240	400	205	336	400	O25
DN150 (PN25)	300	250	400	205	336	400	O25

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Swing Check Valve

Dimensions per size (continued) · EFC-88

SIZE	D	K	L	H	B	A	OE
DN150 (PN40)	300	250	400	205	336	400	O25
DN200 (PN10)	340	295	500	260	400	400	O25
DN200 (PN16)	340	295	500	260	400	400	O25
DN200 (PN25)	360	310	500	260	400	400	O25
DN200 (PN40)	375	320	500	260	400	400	O25
DN250 (PN10)	395	350	600	340	450	600	O25
DN250 (PN16)	405	355	600	340	450	600	O25
DN250 (PN25)	425	370	600	340	450	600	O25
DN250 (PN40)	450	385	600	340	450	600	O25
DN300 (PN10)	445	400	700	370	500	600	O40
DN300 (PN16)	460	410	700	370	500	600	O40
DN300 (PN25)	485	430	700	370	500	600	O40
DN300 (PN40)	515	450	700	370	500	600	O40
DN350 (PN10)	505	460	800	400	550	600	O40
DN350 (PN16)	520	470	800	400	550	600	O40
DN350 (PN25)	555	490	800	400	550	600	O40
DN350 (PN40)	580	510	800	400	550	600	O40
DN400 (PN10)	565	515	900	450	600	800	O50
DN400 (PN16)	580	525	900	450	600	800	O50
DN400 (PN25)	620	550	900	450	600	800	O50
DN400 (PN40)	660	585	900	450	600	800	O50
DN450 (PN10)	615	565	1000	500	740	800	O50
DN450 (PN16)	640	585	1000	500	740	800	O50
DN450 (PN25)	670	600	1000	500	740	800	O50
DN450 (PN40)	685	610	1000	500	740	800	O50
DN500 (PN10)	670	620	1100	630	820	800	O65
DN500 (PN16)	715	650	1100	630	820	800	O65
DN500 (PN25)	730	660	1100	630	820	800	O65
DN500 (PN40)	755	670	1100	630	820	800	O65
DN600 (PN10)	780	725	1300	700	1000	800	O65
DN600 (PN16)	840	770	1300	700	1000	800	O65
DN600 (PN25)	845	770	1300	700	1000	800	O65
DN600 (PN40)	890	795	1300	700	1000	800	O65

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Swing Check Valve

Dimensions per size (continued) · EFC-88

SIZE	D	K	L	H	B	A	OE
DN700 (PN10)	895	840	1500	800	1100	1100	O80
DN700 (PN16)	910	840	1500	800	1100	1100	O80
DN700 (PN25)	960	875	1500	800	1100	1100	O80
DN700 (PN40)	995	900	1500	800	1100	1100	O80
DN800 (PN10)	1015	950	1700	900	1200	1200	O100
DN800 (PN16)	1025	950	1700	900	1200	1200	O100
DN800 (PN25)	1085	990	1700	900	1200	1200	O100
DN800 (PN40)	1140	1030	1700	900	1200	1200	O100
DN900 (PN10)	1115	1050	1900	1000	1400	1200	O100
DN900 (PN16)	1125	1050	1900	1000	1400	1200	O100
DN900 (PN25)	1185	1090	1900	1000	1400	1200	O100
DN900 (PN40)	1250	1140	1900	1000	1400	1200	O100
DN1000 (PN10)	1230	1160	2100	1100	1650	1200	O125
DN1000 (PN16)	1255	1170	2100	1100	1650	1200	O125
DN1000 (PN25)	1320	1210	2100	1100	1650	1200	O125
DN1000 (PN40)	1360	1250	2100	1100	1650	1200	O125
DN1200 (PN10)	1455	1380	2500	1300	1650	1200	O125
DN1200 (PN16)	1485	1390	2500	1300	1650	1200	O125
DN1200 (PN25)	1530	1420	2500	1300	1650	1200	O125
DN1200 (PN40)	1575	1460	2500	1300	1650	1200	O125

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

CHECK VALVE

# Wafer Check Valve

REF **EFC-89** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN40 to DN800</b>
Pressure	<b>PN10 to PN25</b>
End connection	<b>wafer (DIN 2501)</b>



## MATERIALS

Body	<b>GG25, GGG40, St37, 304, 316, Bronze RG5, CuSn10</b>	Body seal	<b>EPDM, Viton, AISI 316, Bronze</b>
Disc	<b>AISI 304, AISI 316, Bronze</b>	Ring bolt	<b>St-Zn</b>

## FEATURES

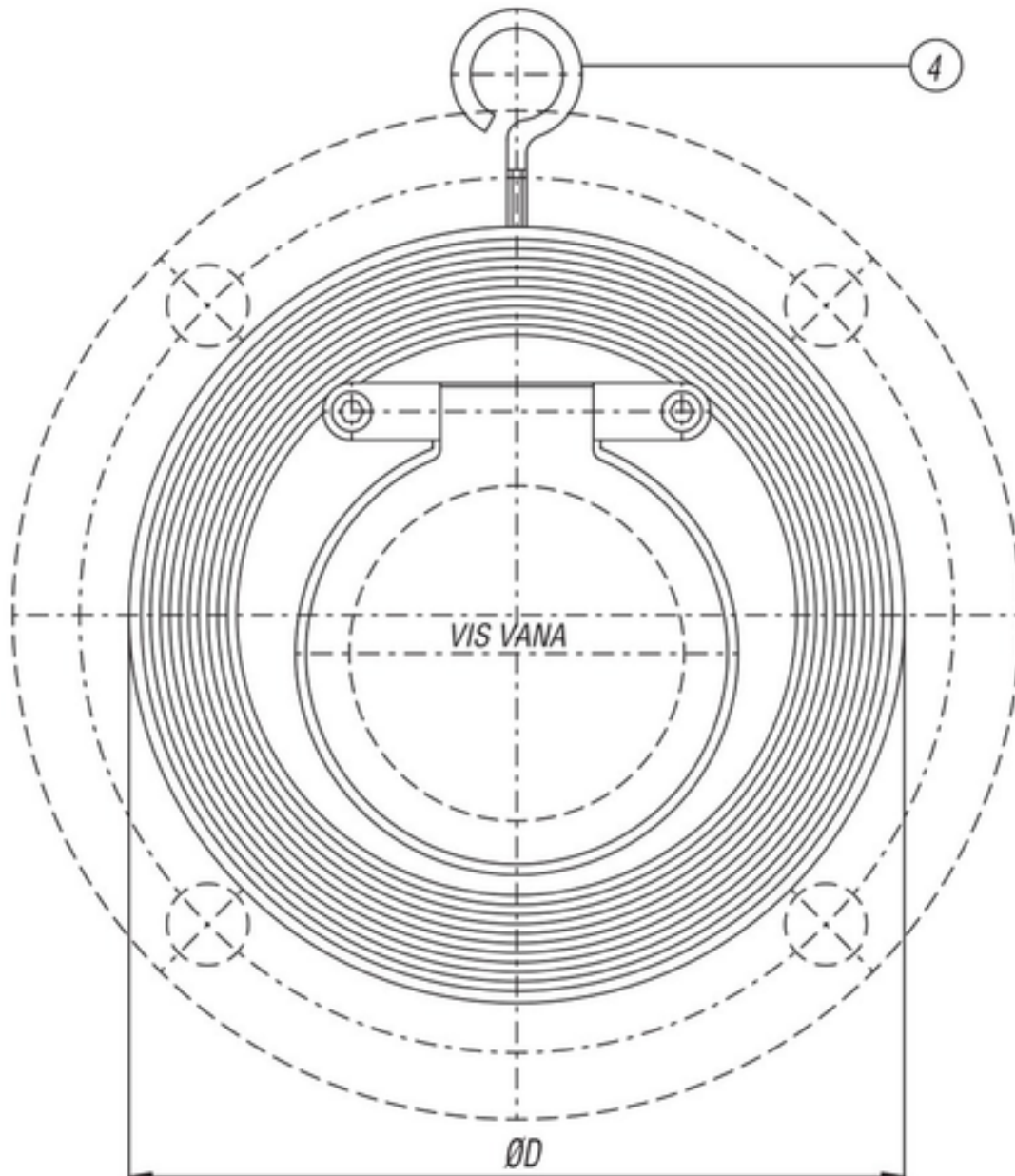
- Wafer (sandwich) type body for installation between flanges
- Ring bolt lifting device included
- Multiple body material options including cast iron, ductile iron, carbon steel, stainless steel, and bronze
- Multiple disc material options including stainless steel and bronze
- Multiple body seal options including EPDM, Viton, stainless steel, and bronze

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Wafer Check Valve

SECTION Technical drawing 1 REF EFC-89



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-89** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

CHECK VALVE

# Wafer Check Valve

SECTION Dimensions per size REF EFC-89

SIZE	ØD	L	B	PN16 ØD	PN25 ØD	PN10 ØD	WEIGHT
DN40	20	30.5	null	92	92	—	0.8 kg
DN50	32	41.5	16	107	—	107	1 kg
DN65	38	51.5	16	127	—	127	1.3 kg
DN80	52	62	18	142	—	142	1.5 kg
DN100	70	92	18	170	—	170	2.2 kg
DN125	87	104	18	196	—	196	3.6 kg
DN150	110	129	22	226	—	226	5.3 kg
DN200	154	172	22	286	—	286	11 kg
DN250	190	212	32	331	343	329	16 kg
DN300	236	263	38	386	403	380	28 kg
DN350	265	258	38	446	460	440	37 kg
DN400	290	300	44	498	517	491	55 kg
DN450	330	330	44	558	567	541	66 kg
DN500	368	368	58	620	627	596	107 kg
DN600	435	435	68	737	734	608	158 kg
DN700	550	540	76	807	836	813	235 kg
DN800	650	640	89	914	945	920	364 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Tilting Type Check Valve

REF **EFC-90** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN100 to DN1400</b>
Pressure	<b>PN10 to PN40</b>
End connection	<b>flanged (EN 1092-2/B)</b>
Face-to-face	<b>EN 558 Serie 14, DIN 3202 F4, EN 558 Serie 13, BS 5155</b>
Temperature	<b>-10°C to 120°C</b>

## STANDARDS

Test	<b>EN 12266, API 598</b>
------	--------------------------



## MATERIALS

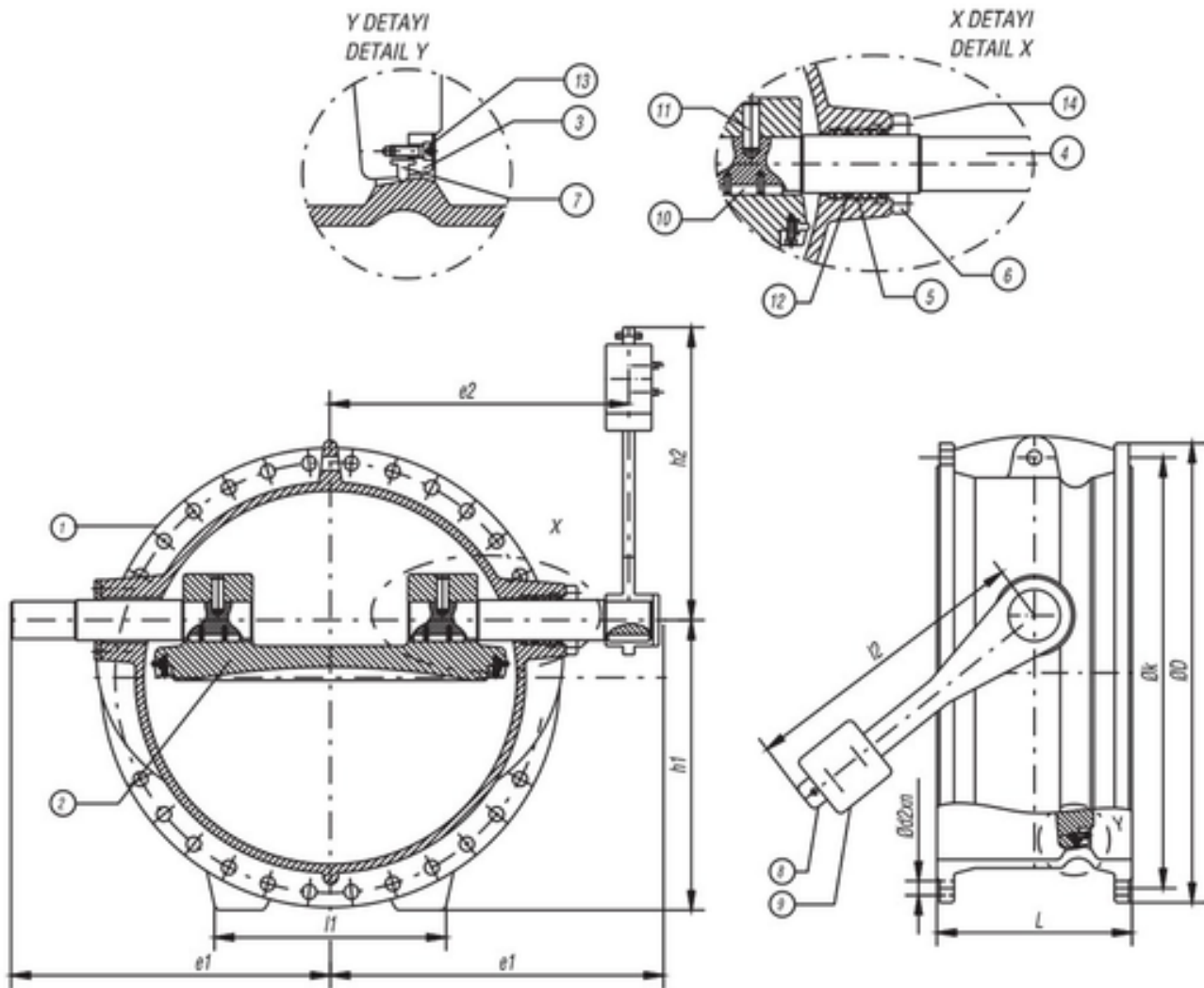
Body	<b>GGG 40, GGG 50, GSC25, 304, 316</b>	Disc	<b>GGG 40, GGG 50, GSC25, 304, 316</b>
Retaining ring	<b>St37, 304, 316</b>	Shaft	<b>AISI 420 (X20Cr13), 304, 316</b>
Bushing	<b>Delrin, PTFE</b>	Cover driven end	<b>GGG 40, GGG 50, GSC25, 304, 316</b>
Sealing ring	<b>EPDM</b>	Lever	<b>Steel St-37</b>
Weight	<b>GG-25</b>	Key	<b>Steel Ck-45</b>
Setscrew	<b>Stainless Steel A2</b>	O ring	<b>EPDM, BUNA-N</b>
Screw	<b>Stainless Steel A2</b>	Bolt	<b>5.6</b>

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Tilting Type Check Valve

SECTION Technical drawing 1 REF EFC-90



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Tilting Type Check Valve

SECTION Dimensions per size REF EFC-90

SIZE	D	K	BOLTSL_DIN3202FBS5155	E1	E2	H1	H2	I1	I2		
DN100 (PN10)	220	180	Ø18x8	190	127	192	160	135	189	200	220
DN100 (PN16)	220	180	Ø18x8	190	127	192	160	135	189	200	220
DN100 (PN25)	235	190	Ø22x8	190	127	192	160	135	189	200	220
DN100 (PN40)	235	190	Ø22x8	190	127	192	160	135	189	200	220
DN125 (PN10)	250	210	Ø22x8	200	140	215	183	156	189	200	250
DN125 (PN16)	250	210	Ø22x8	200	140	215	183	156	189	200	250
DN125 (PN25)	270	220	Ø26x8	200	140	215	183	156	189	200	250
DN125 (PN40)	270	220	Ø26x8	200	140	215	183	156	189	200	250
DN150 (PN10)	285	240	Ø22x8	210	152	238	206	180	189	200	285
DN150 (PN16)	285	240	Ø22x8	210	152	238	206	180	189	200	285
DN150 (PN25)	300	250	Ø26x8	210	152	238	206	180	189	200	285
DN150 (PN40)	300	250	Ø26x8	210	152	238	206	180	189	200	285
DN200 (PN10)	340	295	Ø22x12	230	165	263	231	220	189	300	340
DN200 (PN16)	340	295	Ø26x12	230	165	263	231	220	189	300	340
DN200 (PN25)	360	310	Ø30x16	230	165	263	231	220	189	300	340
DN200 (PN40)	375	320	Ø33x12	230	165	263	231	220	189	300	340
DN250 (PN10)	395	350	Ø22x12	250	178	313	276	265	280	300	260
DN250 (PN16)	395	355	Ø26x12	250	178	313	276	265	280	300	260
DN250 (PN25)	425	370	Ø30x12	250	178	313	276	265	280	300	260
DN250 (PN40)	450	385	Ø33x12	250	178	313	276	265	280	300	260
DN300 (PN10)	445	400	Ø22x12	270	190	326	289	305	280	400	335
DN300 (PN16)	445	410	Ø26x16	270	190	326	289	305	280	400	335
DN300 (PN25)	485	430	Ø33x16	270	190	326	289	305	280	400	335
DN300 (PN40)	515	450	Ø33x16	270	190	326	289	305	280	400	335
DN350 (PN10)	505	460	Ø22x16	290	216	388	346	357	372	400	345

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Tilting Type Check Valve

Dimensions per size (continued) · EFC-90

SIZE	D	K	BOLTSL_DIN3202FBS5155	E1	E2	H1	H2	I1	I2		
DN350 (PN16)	505	470	Ø26x16	290	216	388	346	357	372	400	345
DN350 (PN25)	555	490	Ø36x16	290	216	388	346	357	372	400	345
DN350 (PN40)	580	490	Ø36x16	290	216	388	346	357	372	400	345
DN400 (PN10)	565	515	Ø26x16	310	222	418	376	395	—	—	375
DN400 (PN16)	565	525	Ø30x16	310	222	418	376	395	—	—	375
DN400 (PN25)	615	550	Ø36x16	310	222	418	376	395	—	—	375
DN400 (PN40)	660	610	Ø36x16	310	222	418	376	395	—	—	375
DN450 (PN10)	615	565	Ø26x20	330	229	470	420	440	405	450	450
DN450 (PN16)	615	585	Ø30x20	330	229	470	420	440	405	450	450
DN450 (PN25)	670	600	Ø36x20	330	229	470	420	440	405	450	450
DN450 (PN40)	685	610	Ø36x20	330	229	470	420	440	405	450	450
DN500 (PN10)	670	620	Ø26x20	350	267	495	453	490	460	500	470
DN500 (PN16)	670	620	Ø33x20	350	267	495	453	490	460	500	470
DN500 (PN25)	730	660	Ø36x20	350	267	495	453	490	460	500	470
DN500 (PN40)	755	670	Ø36x20	350	267	495	453	490	460	500	470
DN600 (PN10)	780	725	Ø30x20	390	292	592	540	580	555	600	545
DN600 (PN16)	780	725	Ø36x20	390	292	592	540	580	555	600	545
DN600 (PN25)	845	770	Ø39x20	390	292	592	540	580	555	600	545
DN600 (PN40)	890	795	Ø42x20	390	292	592	540	580	555	600	545
DN700 (PN10)	895	840	Ø30x24	430	318	688	623	635	642	700	590
DN700 (PN16)	910	840	Ø36x24	430	318	688	623	635	642	700	590
DN700 (PN25)	960	875	Ø42x24	430	318	688	623	635	642	700	590
DN700 (PN40)	995	875	Ø48x24	430	318	688	623	635	642	700	590
DN800 (PN10)	1015	950	Ø33x24	470	—	715	656	713	735	800	660
DN800 (PN16)	1025	950	Ø39x24	470	—	715	656	713	735	800	660
DN800 (PN25)	1085	990	Ø48x24	470	—	715	656	713	735	800	660
DN800 (PN40)	1140	1030	Ø56x24	470	—	715	656	713	735	800	660
DN900 (PN10)	1115	1050	Ø33x28	510	—	825	740	795	830	900	720
DN900 (PN16)	1125	1050	Ø39x28	510	—	825	740	795	830	900	720
DN900 (PN25)	1185	1090	Ø48x28	510	—	825	740	795	830	900	720
DN900 (PN40)	1250	1140	Ø56x28	510	—	825	740	795	830	900	720

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Tilting Type Check Valve

Dimensions per size (continued) · EFC-90

SIZE	D	K	BOLTSL_DIN3202FBS5155	E1	E2	H1	H2	I1	I2		
<b>DN1000 (PN10)</b>	1230	1160	Ø33x28	550	—	832	764	890	920	1000	770
<b>DN1000 (PN16)</b>	1255	1170	Ø42x28	550	—	832	764	890	920	1000	770
<b>DN1000 (PN25)</b>	1320	1210	Ø56x28	550	—	832	764	890	920	1000	770
<b>DN1000 (PN40)</b>	1360	1250	Ø62x28	550	—	832	764	890	920	1000	770
<b>DN1200 (PN10)</b>	1455	1380	Ø41x32	630	—	1000	900	1042	1087	1200	965
<b>DN1200 (PN16)</b>	1485	1390	Ø50x32	630	—	1000	900	1042	1087	1200	965
<b>DN1200 (PN25)</b>	1530	1420	Ø62x32	630	—	1000	900	1042	1087	1200	965
<b>DN1200 (PN40)</b>	1575	1460	Ø62x32	630	—	1000	900	1042	1087	1200	965
<b>DN1400 (PN10)</b>	1675	1590	Ø44x36	710	—	1246	1100	1200	1280	1400	965
<b>DN1400 (PN16)</b>	1685	1590	Ø50x36	710	—	1246	1100	1200	1280	1400	965
<b>DN1400 (PN25)</b>	1755	1640	Ø62x36	710	—	1246	1100	1200	1280	1400	965
<b>DN1400 (PN40)</b>	1795	1680	Ø62x38	710	—	1246	1100	1200	1280	1400	965

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

CHECK VALVE

# Wafer Tilting Disc Check Valve

REF **EFC-91** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN1000</b>
Pressure	<b>PN10 to PN25</b>
End connection	<b>wafer (EN 1092-2/B)</b>
Face-to-face	<b>EN 558 Serie 16, DIN 3202-K3</b>
Temperature	<b>-10°C to 120°C</b>

## STANDARDS

Test	<b>EN 12266, API 598</b>
------	--------------------------



## MATERIALS

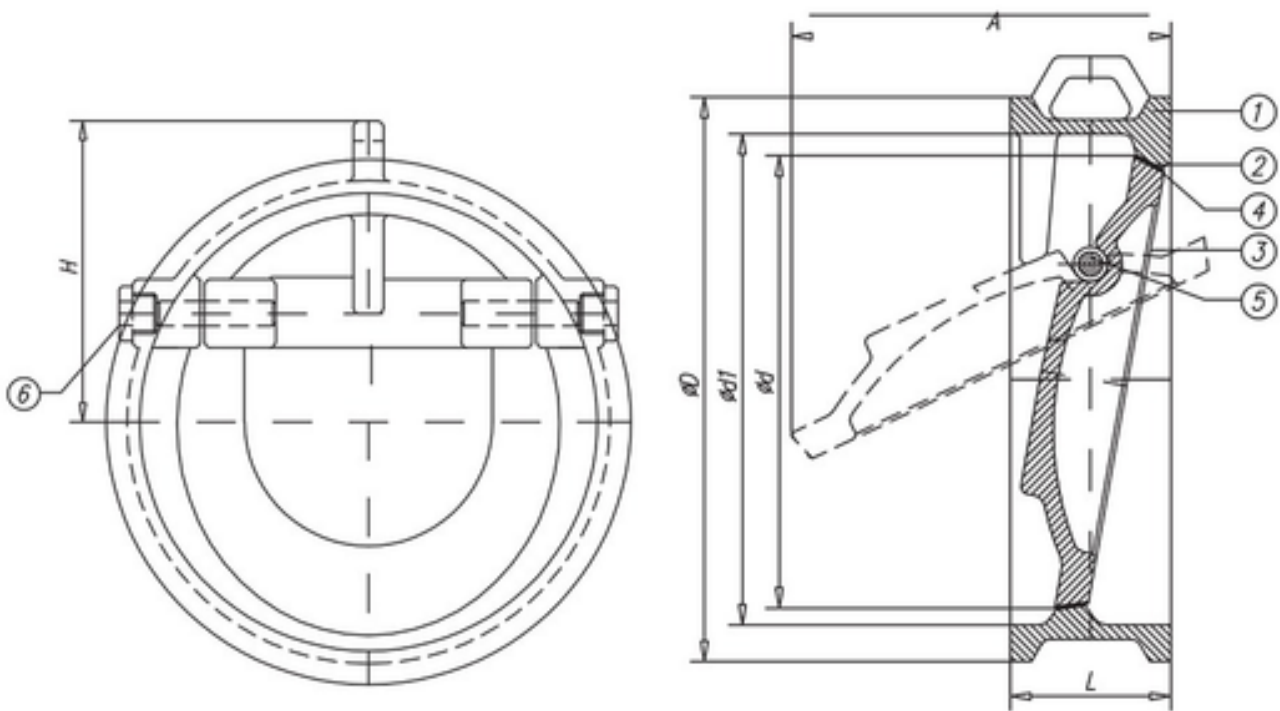
Body	<b>GG 25, GS-C 25, AISI 304, AISI 316, Bronze</b>	Seat	<b>Welded 13 Cr, Stellite 6, Stellite 21</b>
Disc	<b>AISI 304, AISI 316, Bronze, Cast Steel</b>	Disc seat	<b>Welded 13 Cr, Stellite 6, Stellite 21</b>
Stem	<b>AISI 304-316</b>	Plug	<b>AISI 304-316</b>

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Wafer Tilting Disc Check Valve

SECTION Technical drawing 1 REF EFC-91



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-91** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

CHECK VALVE

# Wafer Tilting Disc Check Valve

SECTION Dimensions per size REF EFC-91

SIZE	OD	OD1	OA	L	PN10 OD	PN16 OD	PN25 OD	H
DN40	34	40	45	33	94	94	94	—
DN50	44	50	54	43	109	109	109	—
DN65	58	65	64	46	129	129	129	—
DN80	72	80	85	64	144	144	144	—
DN100	90	100	95	64	164	164	164	—
DN125	112	125	115	70	194	194	194	—
DN150	135	150	135	76	220	220	220	—
DN200	180	200	220	89	275	275	284	155
DN250	225	250	220	114	330	330	343	182
DN300	270	300	250	114	380	386	403	210
DN350	315	350	295	127	440	446	460	240
DN400	365	400	340	140	491	498	515	275
DN450	410	450	370	152	541	558	565	300
DN500	460	500	405	152	596	620	625	325
DN600	555	600	500	178	698	735	735	390
DN700	650	700	616	229	808	808	834	460
DN800	745	800	670	241	915	915	942	515
DN900	835	900	750	241	1018	1115	1115	562
DN1000	930	1000	760	300	1125	1130	1155	625

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Wafer Dual Plate Check Valve

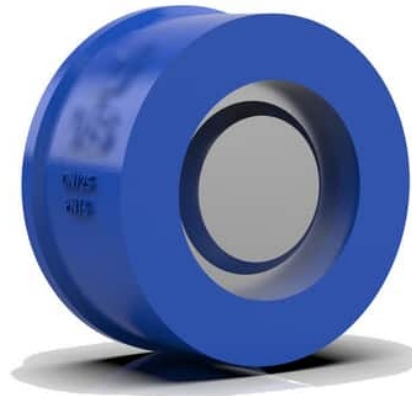
REF **EFC-92** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN800</b>
Pressure	<b>PN10 to PN25</b>
End connection	<b>wafer (EN 1092)</b>
Face-to-face	<b>EN 558 Serie 16, DIN 3202-K3</b>

## STANDARDS

Test	<b>EN 12266-A</b>
------	-------------------



## MATERIALS

Body	<b>GG 25, GGG 40, GS-C 25, AISI 304, AISI 316, Bronze</b>	Seat	<b>PTFE, EPDM, NBR, SS, Stellite 6</b>
Disc	<b>AISI 304, AISI 316, Bronze, GGG-40</b>	Shaft	<b>AISI 304, AISI 316</b>
Spring	<b>AISI 302</b>		

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Wafer Dual Plate Check Valve

SECTION Dimensions per size REF EFC-92

SIZE	OA	R	L	OD_PN10	OD_PN16	OD_PN25	WEIGHT
DN40	null	null	33	94	94	94	1 kg
DN50	58	33	43	109	109	109	1 kg
DN65	null	null	46	129	129	129	2 kg
DN80	70	41	64	144	144	144	3 kg
DN100	95	52	64	164	164	164	5 kg
DN125	128	70	70	194	194	194	6 kg
DN150	132	70	76	220	220	220	8 kg
DN200	192	104	89	275	275	284	15 kg
DN250	244	126	114	330	330	343	27 kg
DN300	295	153	114	380	386	403	34 kg
DN350	320	168	127	440	446	460	53 kg
DN400	380	195	140	491	498	515	70 kg
DN450	420	217	152	541	558	565	100 kg
DN500	480	247	152	596	620	625	130 kg
DN600	585	299	178	698	735	732	180 kg
DN700	690	352	229	808	808	834	260 kg
DN800	780	395	241	915	915	942	340 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Disc Check Valve

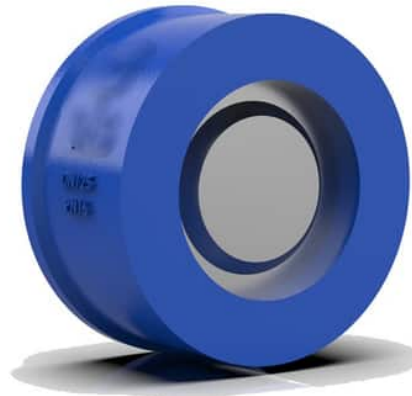
REF **EFC-94** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN200</b>
Pressure	<b>PN16 to PN40</b>
End connection	<b>wafer (DIN 2501)</b>
Face-to-face	<b>EN 558 Serie 49, DIN 3202/3-K4, ISO 5752</b>
Temperature	<b>-60°C to 400°C</b>

## STANDARDS

Test	<b>EN 12266</b>
------	-----------------



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>Bronze, Steel, AISI 316</b>	Disc	<b>AISI 304</b>
Spring	<b>AISI 316</b>	Disc guide	<b>AISI 316</b>

**FEATURES**

- Available with or without spring
- Dual pressure rating: PN16 and PN40
- Minimum opening pressure specified for spring and springless configurations
- Face-to-face per EN 558 Series 49, DIN 3202/3-K4, and ISO 5752
- Flange ends per DIN 2501
- Tested per EN 12266

**PRESSURE-TEMPERATURE RATING**

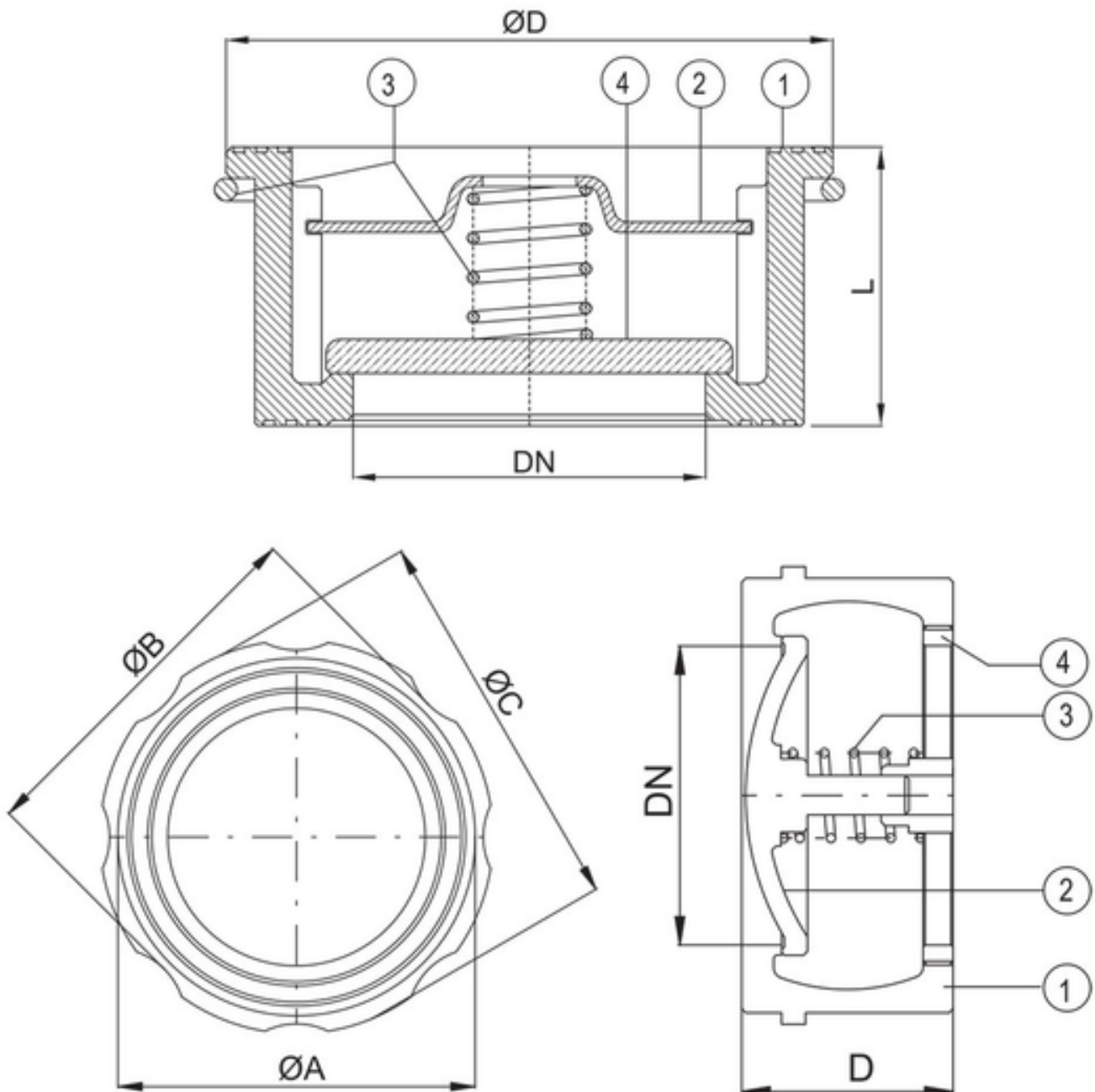
CLASS	TEMPERATURE	MAX PRESSURE
PN16	120°C	16 bar
PN16	180°C	15 bar
PN16	200°C	14 bar
PN16	250°C	13 bar
PN40	120°C	40 bar
PN40	200°C	35 bar
PN40	300°C	28 bar
PN40	400°C	21 bar

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Disc Check Valve

SECTION Technical drawing 1 REF EFC-94



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Disc Check Valve

SECTION Dimensions per size REF EFC-94

SIZE	OD	L	OA	OB	D	OC	WEIGHT
DN15	40	16	—	—	—	—	0.1 kg
DN20	47	19	—	—	—	—	0.135 kg
DN25	56	22	—	—	—	—	0.2 kg
DN32	72	28	—	—	—	—	0.46 kg
DN40	82	32	—	—	—	—	0.63 kg
DN50	95	40	—	—	—	—	0.98 kg
DN65	115	46	—	—	—	—	1.35 kg
DN80	132	50	—	—	—	—	2.08 kg
DN100	152	60	—	—	—	—	3.04 kg
DN125	—	—	184	194	90	—	9 kg
DN150	—	—	209	221	106	227	14 kg
DN200	—	—	276	287	140	—	24 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

CHECK VALVE

# SS Swing Check Valve - BSP

REF **EFC-97** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN100</b>
Pressure	<b>16 bar</b>
End connection	<b>threaded (BSP)</b>
Temperature	<b>-20°C to 180°C</b>
Media	<b>water, oil, gas</b>

## APPLICATIONS

- water
- oil and gas



## MATERIALS

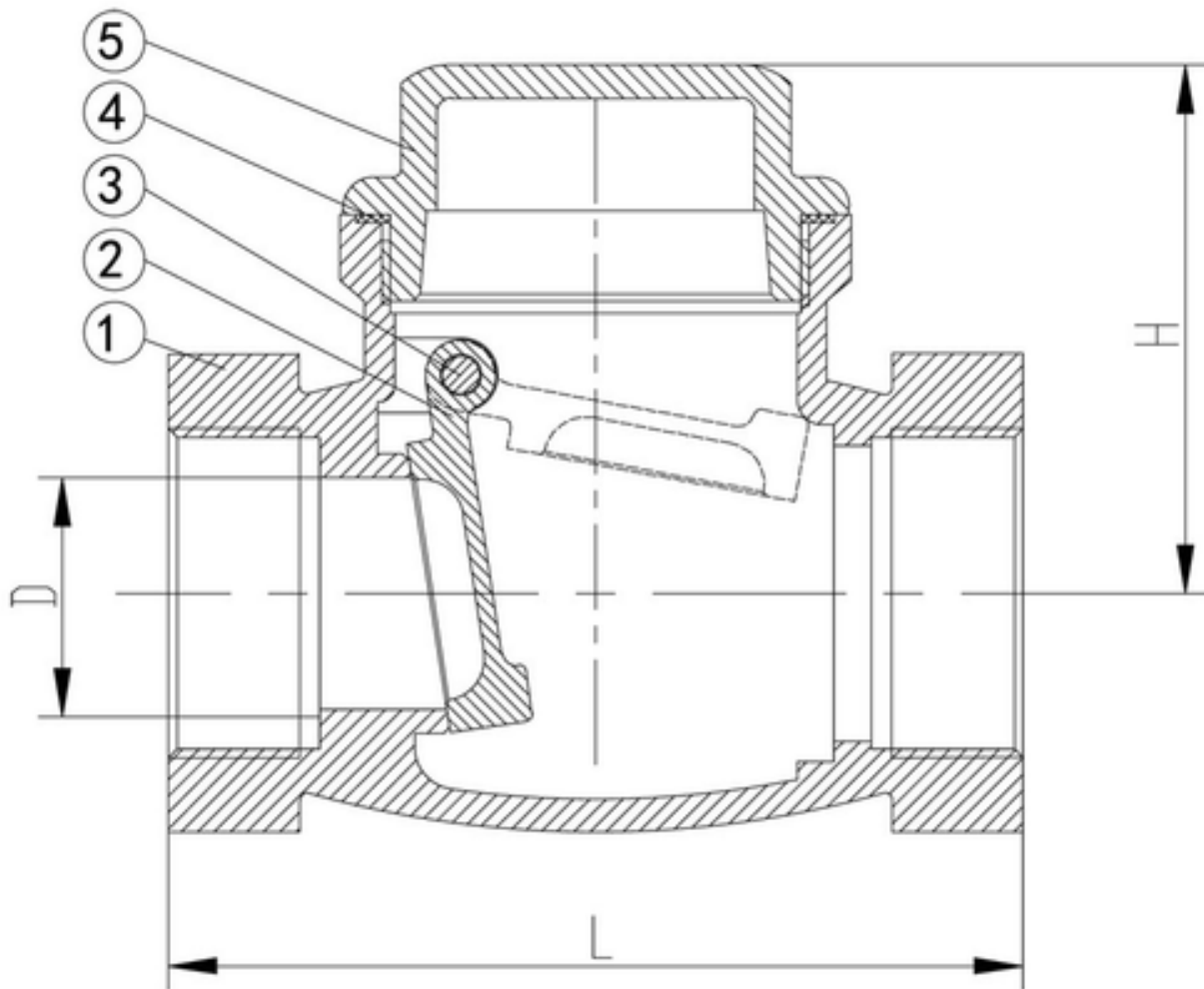
Body	<b>CF8, CF8M</b>	Disc	<b>CF8, CF8M</b>
Pin	<b>SS304, SS316</b>	Gasket	<b>PTFE</b>
Cap	<b>CF8, CF8M</b>		

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# SS Swing Check Valve - BSP

SECTION Technical drawing 1 REF EFC-97



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# SS Swing Check Valve - BSP

SECTION Dimensions per size REF EFC-97

SIZE	L	D	H
DN15	62	15.5	43
DN20	75	20	45
DN25	84	23.5	49
DN32	100	30	56
DN40	115	37	64
DN50	134	46	71
DN65	164	64	91
DN80	190	74.5	103
DN100	237	96	138

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

CHECK VALVE

# Lift Type Check Valve Angle Form

REF **EFC-98** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN500</b>
Pressure	<b>PN10 to PN40</b>
End connection	<b>flanged (EN 1092-1) / flanged (EN 1092-1) / flanged (EN 1092-1) / flanged (EN 1092-1) / flanged (EN 1092-1)</b>
Face-to-face	<b>EN 558 Serie 8, DIN 3202 F32</b>

## STANDARDS

Design	<b>DIN 3356</b>
Test	<b>EN 12266</b>



## MATERIALS

Body	<b>GG 25, GGG 40, GS-C25, Bronze Rg5, CuSn10, SS 304, SS 316</b>	Bonnet	<b>GG 25, GGG 40, GS-C25, Bronze Rg5, CuSn10, SS 304, SS 316</b>
Body seat	<b>Brass Ms58, Bronze Rg5, SS 420, SS 304, SS 316</b>	Disc	<b>GG 25, GGG 40, GS-C25, Bronze Rg5, CuSn10, SS 304, SS 316</b>
Disc seat	<b>Brass Ms58, Bronze Rg5, SS 420, SS 304, SS 316</b>	Gasket	<b>Klingerite</b>
Spring	<b>SS 304</b>	Stud nut	<b>Galvanized Steel, A2 (SS304)</b>
Seat	<b>Brass Ms58, Bronze Rg5, SS 420, SS 304, SS 316</b>		

## FEATURES

- Angle form body configuration
- Lift type disc mechanism
- Spring-assisted closure (SS 304 spring)
- Multiple body material options including cast iron, ductile iron, cast steel, bronze and stainless steel
- Flanged ends to EN 1092-1
- Available in pressure classes PN10, PN16, PN25, PN40

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Lift Type Check Valve Angle Form

SECTION Dimensions per size REF EFC-98

SIZE	L	H	WEIGHT
DN15	90	55	3 kg
DN20	95	55	3.5 kg
DN25	100	65	4 kg
DN32	105	70	6 kg
DN40	115	85	8 kg
DN50	125	90	10 kg
DN65	145	100	14 kg
DN80	155	105	19 kg
DN100	175	120	25 kg
DN125	200	145	45 kg
DN150	225	150	65 kg
DN200	275	185	110 kg
DN250	325	190	140 kg
DN300	375	240	250 kg
DN350	425	280	—
DN400	475	320	—
DN450	500	340	—
DN500	515	360	—

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Nozzle (Silent) Check Valve

REF **EFC-99** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN500</b>
Pressure	<b>PN10 to PN40</b>
End connection	<b>flanged (DIN EN 1092) / flanged (DIN EN 1092) / flanged (BS 4504)</b>
Face-to-face	<b>DIN EN 1092, BS 4504</b>

## STANDARDS

Test	<b>EN 12266-A</b>
------	-------------------



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>GG25, GGG-40, GS-C 25, SS 304, SS 316</b>	Small guide	<b>GG25, GGG-40, GS-C 25, SS 304, SS 316</b>
Seat	<b>Brass, Bronze, SS</b>	Disc	<b>GG-25, GGG-40, GS-C 25, Bronze, SS</b>
Packing	<b>EPDM, NBR, Teflon, Bronze, SS</b>	Bolt	<b>St, SS</b>
Plate	<b>St, SS</b>	Stem	<b>Brass, SS</b>
Spring	<b>SS</b>	Big guide	<b>GG25, GGG-40, GS-C 25, SS 304, SS 316</b>
Bushing	<b>Brass, Bronze, Teflon</b>		

**PRESSURE-TEMPERATURE RATING**

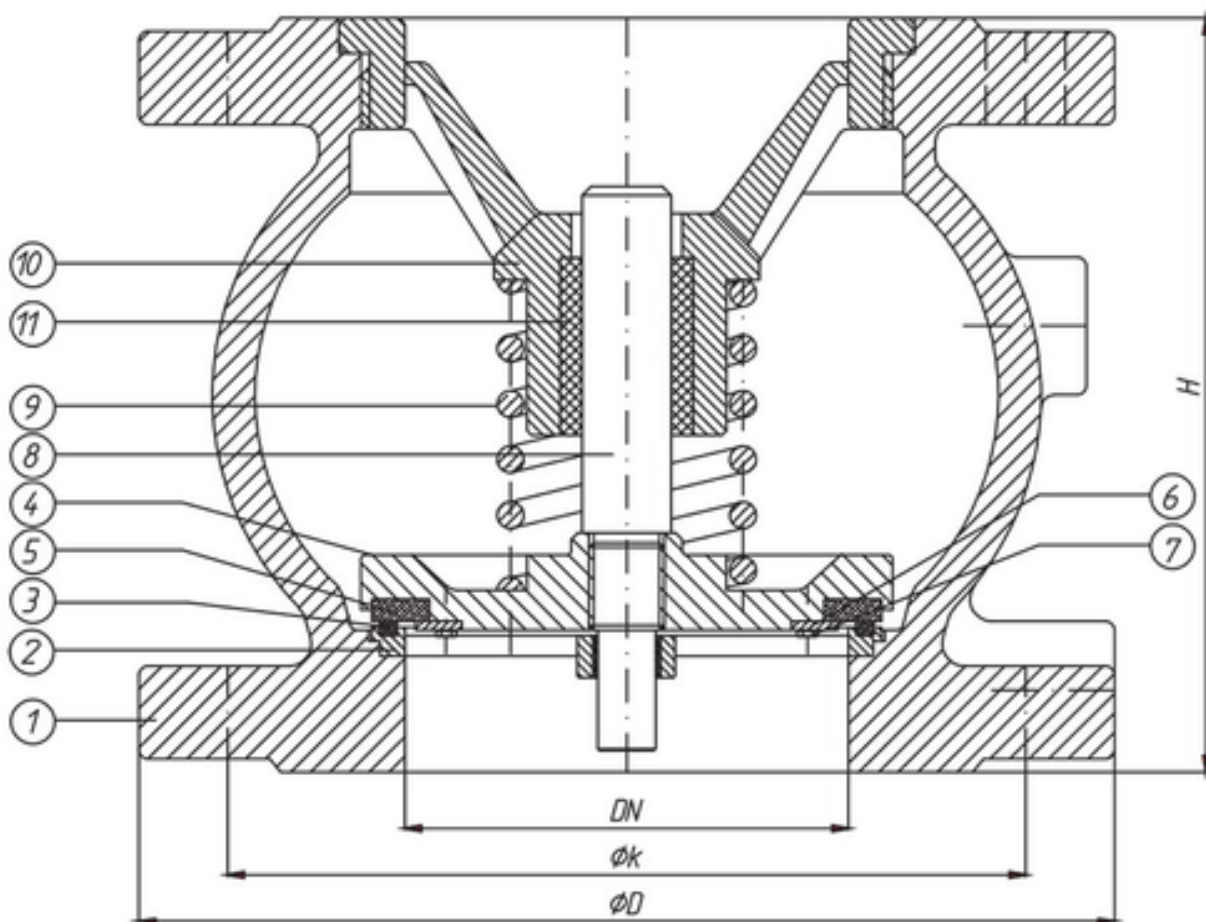
CLASS	TEMPERATURE	MAX PRESSURE
PN10 disc test x1.1	°C	11 bar
PN10 body test x1.5	°C	15 bar
PN16 disc test x1.1	°C	18 bar
PN16 body test x1.5	°C	24 bar
PN25 disc test x1.1	°C	28 bar
PN25 body test x1.5	°C	38 bar
PN40 disc test x1.1	°C	44 bar
PN40 body test x1.5	°C	60 bar

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Nozzle (Silent) Check Valve

SECTION Technical drawing 1 REF EFC-99



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Nozzle (Silent) Check Valve

SECTION Dimensions per size REF EFC-99

SIZE	L	D_PN10	K_PN10	D_PN16	K_PN16	WEIGHT
DN40	85	150	110	150	110	4.2 kg
DN50	100	165	125	165	125	5.8 kg
DN65	120	185	145	185	145	8.1 kg
DN80	140	200	160	200	160	10.2 kg
DN100	170	220	180	220	180	14.5 kg
DN125	200	250	210	250	210	24 kg
DN150	230	285	240	285	240	32 kg
DN200	288	340	295	340	295	53 kg
DN250	354	400	350	400	355	94 kg
DN300	395	455	400	455	410	140 kg
DN350	472	505	460	520	470	225 kg
DN400	560	565	515	580	525	312 kg
DN500	670	670	620	715	650	540 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Lift Type Check Valve Straight Form

REF **EFC-100** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	DN15 to DN600
Pressure	PN6 to PN40
End connection	flanged (EN 1092-1) / flanged (EN 1092-1) / flanged (EN 1092-1) / flanged (EN 1092-1)
Face-to-face	EN 558 Serie 1, DIN 3202-F1

## STANDARDS

Design	DIN 3356
Test	EN 12266



## MATERIALS

Body	GG 25, GGG 40, GS-C25, Bronze Rg5, CuSn10, SS 304, SS 316	Bonnet	GG 25, GGG 40, GS-C25, Bronze Rg5, CuSn10, SS 304, SS 316
Disc	GG 25, GGG 40, GS-C25, Bronze Rg5, CuSn10, SS 304, SS 316	Seat	Brass Ms58, Bronze Rg5, SS 420, SS 304, SS 316
Gasket	Klingerite	Spring	SS 304
Stud nut	Galvanized Steel, A2 (SS304)		

## FEATURES

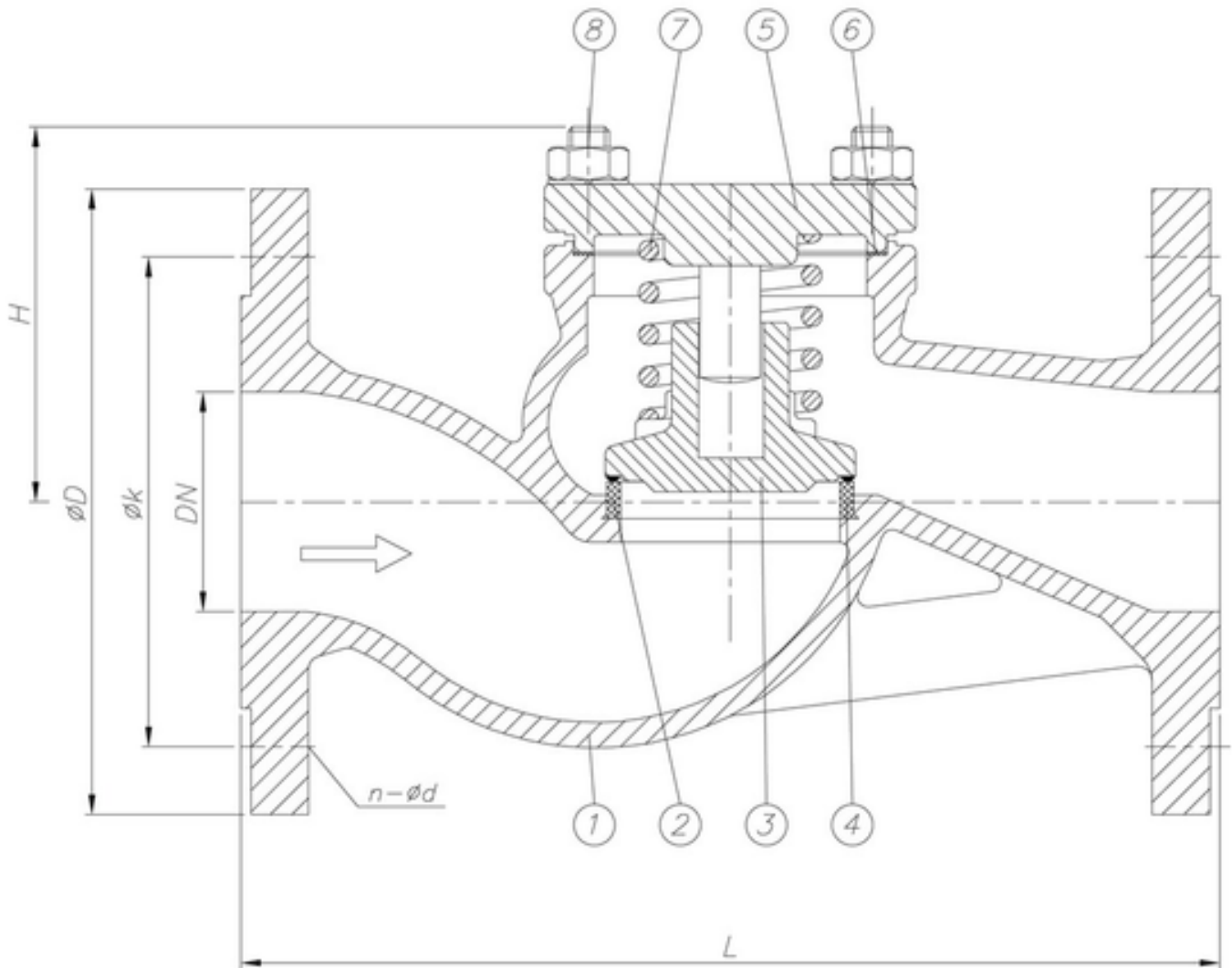
- Straight (axial) flow path with spring-loaded disc for reliable non-return operation
- Bolted bonnet construction allowing internal inspection and maintenance
- Wide selection of body, disc and seat materials to suit various media
- Gasket sealed bonnet joint using Klingerite compressed fibre
- Stud and nut fastening with options for galvanised steel or stainless steel grade A2

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Lift Type Check Valve Straight Form

SECTION Technical drawing 1 REF EFC-100



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Lift Type Check Valve Straight Form

SECTION Dimensions per size REF EFC-100

SIZE	D	K	BOLTS	L	H	WEIGHT
DN15 (PN6)	80	55	4xØ11	130	75	3 kg
DN15 (PN10)	95	65	4xØ14	130	75	3 kg
DN15 (PN16)	95	65	4xØ14	130	75	3 kg
DN15 (PN25)	95	65	4xØ14	130	75	3 kg
DN15 (PN40)	95	65	4xØ14	130	75	3 kg
DN20 (PN6)	90	65	4xØ11	150	75	3.5 kg
DN20 (PN10)	105	75	4xØ14	150	75	3.5 kg
DN20 (PN16)	105	75	4xØ14	150	75	3.5 kg
DN20 (PN25)	105	75	4xØ14	150	75	3.5 kg
DN20 (PN40)	105	75	4xØ14	150	75	3.5 kg
DN25 (PN6)	100	75	4xØ11	160	85	4.5 kg
DN25 (PN10)	115	85	4xØ14	160	85	4.5 kg
DN25 (PN16)	115	85	4xØ14	160	85	4.5 kg
DN25 (PN25)	115	85	4xØ14	160	85	4.5 kg
DN25 (PN40)	115	85	4xØ14	160	85	4.5 kg
DN32 (PN6)	120	90	4xØ11	180	90	6.5 kg
DN32 (PN10)	140	100	4xØ14	180	90	6.5 kg
DN32 (PN16)	140	100	4xØ14	180	90	6.5 kg
DN32 (PN25)	140	100	4xØ14	180	90	6.5 kg
DN32 (PN40)	140	100	4xØ14	180	90	6.5 kg
DN40 (PN6)	130	100	4xØ14	200	95	9 kg
DN40 (PN10)	150	110	4xØ18	200	95	9 kg
DN40 (PN16)	150	110	4xØ18	200	95	9 kg
DN40 (PN25)	150	110	4xØ18	200	95	9 kg
DN40 (PN40)	150	110	4xØ18	200	95	9 kg
DN50 (PN6)	140	110	4xØ14	230	100	11.5 kg
DN50 (PN10)	165	125	4xØ18	230	100	11.5 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Lift Type Check Valve Straight Form

Dimensions per size (continued) · EFC-100

SIZE	D	K	BOLTS	L	H	WEIGHT
DN50 (PN16)	165	125	4xØ18	230	100	11.5 kg
DN50 (PN25)	165	125	4xØ18	230	100	11.5 kg
DN50 (PN40)	165	125	4xØ18	230	100	11.5 kg
DN65 (PN6)	160	130	4xØ14	290	130	16.5 kg
DN65 (PN10)	185	145	4xØ18	290	130	16.5 kg
DN65 (PN16)	185	145	4xØ18	290	130	16.5 kg
DN65 (PN25)	185	145	4xØ18	290	130	16.5 kg
DN65 (PN40)	185	145	4xØ18	290	130	16.5 kg
DN80 (PN6)	190	150	4xØ18	310	135	24 kg
DN80 (PN10)	200	160	8xØ18	310	135	24 kg
DN80 (PN16)	200	160	8xØ18	310	135	24 kg
DN80 (PN25)	200	160	8xØ18	310	135	24 kg
DN80 (PN40)	200	160	8xØ18	310	135	24 kg
DN100 (PN6)	210	170	4xØ18	350	170	34 kg
DN100 (PN10)	220	180	8xØ18	350	170	34 kg
DN100 (PN16)	220	180	8xØ18	350	170	34 kg
DN100 (PN25)	235	190	8xØ22	350	170	34 kg
DN100 (PN40)	235	190	8xØ22	350	170	34 kg
DN125 (PN6)	240	200	8xØ18	400	205	54 kg
DN125 (PN10)	250	210	8xØ18	400	205	54 kg
DN125 (PN16)	250	210	8xØ22	400	205	54 kg
DN125 (PN25)	270	220	8xØ26	400	205	54 kg
DN125 (PN40)	270	220	8xØ26	400	205	54 kg
DN150 (PN6)	265	225	8xØ18	480	225	76 kg
DN150 (PN10)	285	240	8xØ18	480	225	76 kg
DN150 (PN16)	285	240	8xØ22	480	225	76 kg
DN150 (PN25)	300	250	8xØ26	480	225	76 kg
DN150 (PN40)	300	250	12xØ30	480	225	76 kg
DN200 (PN6)	320	280	12xØ22	600	270	135 kg
DN200 (PN10)	340	295	8xØ22	600	270	135 kg
DN200 (PN16)	340	295	12xØ22	600	270	135 kg
DN200 (PN25)	360	310	12xØ26	600	270	135 kg
DN200 (PN40)	375	320	12xØ33	600	270	135 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Lift Type Check Valve Straight Form

Dimensions per size (continued) · EFC-100

SIZE	D	K	BOLTS	L	H	WEIGHT
DN250 (PN6)	375	335	12xØ22	730	290	260 kg
DN250 (PN10)	395	350	12xØ22	730	290	260 kg
DN250 (PN16)	405	355	12xØ26	730	290	260 kg
DN250 (PN25)	425	370	12xØ30	730	290	260 kg
DN250 (PN40)	450	385	12xØ33	730	290	260 kg
DN300 (PN6)	440	395	20xØ22	850	360	320 kg
DN300 (PN10)	445	400	12xØ22	850	360	320 kg
DN300 (PN16)	460	410	12xØ26	850	360	320 kg
DN300 (PN25)	485	430	16xØ30	850	360	320 kg
DN300 (PN40)	515	450	16xØ33	850	360	320 kg
DN350 (PN6)	490	445	20xØ26	980	370	370 kg
DN350 (PN10)	505	460	16xØ22	980	370	370 kg
DN350 (PN16)	520	470	16xØ26	980	370	370 kg
DN400 (PN6)	540	495	20xØ26	1100	390	—
DN400 (PN10)	565	515	16xØ26	1100	390	—
DN400 (PN16)	580	525	16xØ30	1100	390	—
DN450 (PN6)	595	550	20xØ26	1200	400	—
DN450 (PN10)	615	565	20xØ26	1200	400	—
DN450 (PN16)	640	585	20xØ30	1200	400	—
DN500 (PN6)	645	600	20xØ26	1250	420	—
DN500 (PN10)	670	620	20xØ26	1250	420	—
DN500 (PN16)	715	650	20xØ33	1250	420	—
DN600 (PN6)	755	705	20xØ26	1450	450	—
DN600 (PN10)	780	725	20xØ30	1450	450	—
DN600 (PN16)	840	770	20xØ36	1450	450	—

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

CHECK VALVE

# Aluminium Bronze Dual Plate Wafer Type Check Valve

REF **EFC-238** ISSUED 08 Jul 2026

## SPECIFICATIONS

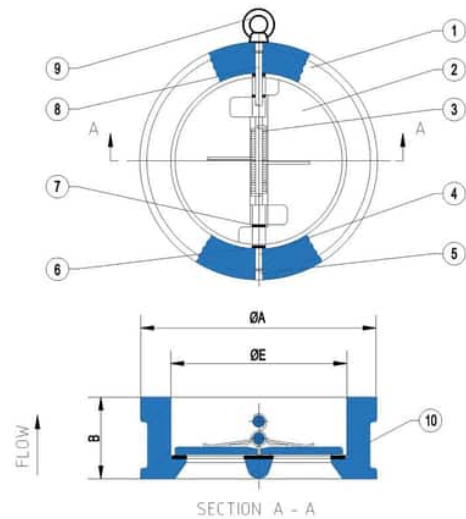
Size	2" to 32"
Pressure	PN10 / JIS 5K / ANSI 125 to PN16 / JIS 10K / ANSI 150
End connection	wafer (DIN PN10/16/25) / wafer (ANSI) / wafer (JIS)
Face-to-face	API 594
Temperature	null°C to 150°C
Media	Fresh water, Sewage, Sea water, Air, Vapour, Food, Medicine, Oils, Acids, Alkalis

## STANDARDS

Design	API 594
Test	API 598, EN 12334

## APPLICATIONS

- Shipbuilding
- Desalination plants
- Offshore platforms
- Industrial water systems



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

Body	<b>ALUMINIUM BRONZE</b>	Disc	<b>MONEL</b>
Stem	<b>MONEL</b>	Seat	<b>EPDM, VITON, NBR</b>

## FEATURES

- Spring-loaded dual-plate design for rapid closure on flow reversal
- Low pressure drop
- Reduced water hammer in sensitive pipelines
- Supports horizontal and vertical upward flow installation
- Wafer construction for installation between standard flanges
- Dual-plate (split-disc) wafer check valve construction
- Central hinge pin/shaft with coil spring mechanism
- Four retaining/stop clips on hinge bar
- Elastomer seat lining (shown in blue) bonded to body bore
- Lifting eye bolt at top of body (part 1)
- Wafer-style body suitable for sandwiching between flanges
- Dimensions referenced: ØA (overall outer diameter), ØE (bore/seat diameter), B (face-to-face length)
- Flow direction indicated on sectional drawing

## OPTIONS & NOTES

- Seat materials: EPDM, VITON, NBR etc.

CHECK VALVE

# Aluminium Bronze Dual Plate Wafer Type Check Valve

SECTION Dimensions per size REF EFC-238

SIZE	B	E	DIN_PN10_16	ANSI_150	JIS_10K
2" / DN50	43	66	107	102	101
2-1/2" / DN65	46	86	127	121	121
3" / DN80	64	95	142	133	131
4" / DN100	64	118	162	171	156
5" / DN125	70	146	192	193	187
6" / DN150	76	174	218	219	217
8" / DN200	89	225	273	276	267
10" / DN250	114	266	328	336	330
12" / DN300	114	311	378/382	406	375
14" / DN350	127	361	438/442	448	420
16" / DN400	140	411	488/495	511	483
18" / DN450	152	451	538/555	546	538
20" / DN500	152	506	592/617	603	593
24" / DN600	178	625	695/734	714	697
28" / DN700	229	721	809	828	807
32" / DN800	241	826	916	936	917

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

CHECK VALVE

# Double plate Flange Check Valve

REF **EFC-262** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1000</b>
Pressure	<b>PN10 to PN25</b>
End connection	<b>flanged (DIN) / flanged (DIN) / flanged (DIN) / flanged (ANSI) / flanged (JIS)</b>
Face-to-face	<b>API 594</b>
Temperature	<b>null°C to 150°C</b>
Media	<b>Fresh water, Sewage, Sea water, Air, Vapour, Food, Medicine, Oils, Acids, Alkalis</b>



## ACTUATION

- manual
- worm gear
- pneumatic
- electric

## STANDARDS

Design	<b>API 594</b>
Test	<b>API 598</b>

## COATINGS & LINING

- Corrosion-resistant coating (details not specified)

## APPLICATIONS

- Water supply
- Wastewater treatment
- Petrochemical
- Power generation
- HVAC
- Marine
- Chemical



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

- Industrial

**MATERIALS**

Body	<b>Cl, DI, Carbon Steel, Stainless Steel</b>	Plate	<b>DI, Carbon Steel, Stainless Steel</b>
Spring	<b>Ss304</b>	Hinge pin	<b>Ss304</b>
Stop pin	<b>Ss304</b>	Plug	<b>Carbon Steel</b>
Body bearing	<b>PTFE</b>	Spring bearing	<b>PTFE</b>
Eye bolt	<b>Carbon Steel</b>	Body seat	<b>NBR, EPDM, Viton, Neoprene</b>
Disc	<b>DI, Carbon Steel, Stainless Steel</b>	Seat	<b>NBR, EPDM, Viton, Neoprene</b>
Stem	<b>SS304</b>		

**FEATURES**

- Dual-plate spring-loaded design providing low cracking pressure
- Flange body design with relatively short face-to-face dimension
- Non-slam closing action minimises water hammer and vibration
- Supports horizontal and vertical (upward flow) installation
- Retainerless wafer style construction
- Each valve tested to API 598 prior to shipment
- Double-door (dual-plate) wafer check valve design
- Flanged body with bolt-hole pattern for PN10 and PN16 flange drilling
- Spring-loaded disc return mechanism visible in sectional diagram
- Part 1: disc (lower half)
- Part 2: spring/hinge pin assembly
- Part 3: upper disc
- Part 4: hinge pin
- Part 5: body
- Part 6: seat/seal ring
- Part 7: body flange face (front view)
- Dimensions shown: L (face-to-face), D (flange OD), D1 (bolt circle diameter), D2 (bore/inner diameter), z-d (number of bolt holes and hole diameter)
- Disc material variant visible: rubber-lined discs (images 0-1) and stainless steel discs marked CF8M (image 2)

**OPTIONS & NOTES**

- Custom coatings, materials, and pressure ratings available to match specific project requirements.
- Sizes available from DN50 to DN600 or more.
- Operating mode options: manual, worm gear, pneumatic, electric, etc.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Dual Plate Wafer Check Valve

REF **EFC-263** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN800</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>wafer (DIN) / wafer (ANSI) / wafer (JIS) / wafer (BS) / wafer (UNI) / wafer (ISO) / wafer (AS)</b>
Face-to-face	<b>API 594, API609, BS5155, DIN3202, ISO5752</b>
Temperature	<b>null°C to 150°C</b>
Media	<b>Fresh water, Sewage, Sea water, Air, Vapour, Food, Medicine, Oils, Acids, Alkalis</b>



## ACTUATION

- manual
- worm gear
- pneumatic
- electric

## STANDARDS

Design	<b>API 594</b>
Test	<b>API 598</b>

## APPLICATIONS

- HVAC
- Water Supply & Sewage
- Food & Beverage
- Chemical/Petrochemical processing
- Power and Utilities
- Paper and Pulp
- Ship Building
- Water treatment



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

- Marine

**MATERIALS**

Body	<b>Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel</b>	Plate	<b>Ductile Iron, Carbon Steel, Stainless Steel</b>
Spring	<b>Stainless Steel</b>	Hinge pin	<b>Stainless Steel</b>
Plug	<b>Carbon Steel</b>	Body bearing	<b>PTFE</b>
Spring bearing	<b>PTFE</b>	Stop pin	<b>Stainless Steel</b>
Eye bolt	<b>Carbon Steel</b>	Body seat	<b>NBR, EPDM, Viton, Neoprene</b>
Disc	<b>CF8M (ASTM A351 Grade CF8M-316 stainless steel)</b>	Seat	<b>NBR, EPDM, Viton, Neoprene</b>
Stem	<b>Stainless Steel</b>		

**FEATURES**

- Spring-loaded dual plates open under forward flow pressure and close automatically on flow reversal
- Wafer-style body installs between standard flanges
- Low-profile, lightweight design
- Pressure-tested before delivery
- Dual-plate (twin disc) wafer check valve construction
- Spring-loaded dual discs for rapid closure
- Rubber-lined body (elastomer seat integral to body)
- Central hinge pin with return springs
- Wafer pattern - fits between flanges
- Lifting eye bolt on body (part 1 in diagram)
- Dimensions shown: ØA (overall outer diameter), ØE (flange bore/seat diameter), B (face-to-face length)
- Flow direction indicated on section drawing
- Part 10 identified as body/shell in section A-A

**OPTIONS & NOTES**

- Operating mode: manual, worm gear, pneumatic, electric, etc.
- Products hold up to 10 international authoritative certification certificates

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Dual Plate Wafer Check Valve

SECTION Dimensions per size REF EFC-263

SIZE	B	E	DIN_PN10_16	ANSI_150	JIS_10K
DN50	43	66	107	102	101
DN65	46	86	127	121	121
DN80	64	95	142	133	131
DN100	64	118	162	171	156
DN125	70	146	192	193	187
DN150	76	174	218	219	217
DN200	89	225	273	276	267
DN250	114	266	328	336	330
DN300	114	311	null	406	375
DN350	127	361	null	448	420
DN400	140	411	null	511	483
DN450	152	451	null	546	538
DN500	152	506	null	603	593
DN600	178	625	null	714	697
DN700	229	721	809	828	807
DN800	241	826	916	936	917

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

CHECK VALVE

# Stainless Steel Dual Plate Check Valve

REF **EFC-307** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1000</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>wafer (DIN) / wafer (BS) / wafer (UNI) / wafer (ISO) / wafer (ANSI) / wafer (AS) / wafer (JIS)</b>
Face-to-face	<b>API 594, API609, BS5155, DIN3202, ISO5752</b>
Temperature	<b>null°C to 150°C</b>
Media	<b>Fresh water, Sewage, Sea water, Air, Vapor, Food, Medicine, Oils, Acids, Alkalis</b>

## ACTUATION

- manual
- worm gear
- pneumatic
- electric

## STANDARDS

Design	<b>API 594</b>
Test	<b>API 598</b>

## APPLICATIONS

- HVAC
- Water Supply & Sewage
- Food & Beverage
- Chemical/Petrochemical processing
- Power and Utilities
- Paper and Pulp
- Ship Building
- Marine pipelines
- Water treatment



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

Body	<b>Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel</b>	Plate	<b>Ductile Iron, Carbon Steel, Stainless Steel</b>
Spring	<b>Stainless Steel</b>	Hinge pin	<b>Stainless Steel</b>
Plug	<b>carbon steel</b>	Body bearing	<b>PTFE</b>
Spring bearing	<b>PTFE</b>	Stop pin	<b>Stainless Steel</b>
Eye bolt	<b>Carbon Steel</b>	Body seat	<b>NBR, EPDM, Viton, Neoprene</b>
Body (cast)	<b>CF8M (stainless steel)</b>	Seat seal	<b>VITON</b>
Body (alternative)	<b>Al01 (aluminium)</b>	Disc	<b>Ductile Iron, Carbon Steel, Stainless Steel</b>
Seat	<b>NBR, EPDM, Viton, Neoprene</b>	Stem	<b>Stainless Steel</b>

## FEATURES

- Spring-loaded dual plate design closes rapidly upon flow reversal
- Wafer-type body for compact installation between flanges
- Lower pressure drop compared to traditional swing check valves
- Supports horizontal and vertical upward flow installation
- Corrosion-resistant stainless steel construction
- Dual-plate (split-disc) wafer check valve design with spring-assisted closure
- Single-plate (swing-disc) wafer check valve variant also shown
- Lifting eye bolt fitted to body at top
- Spring-loaded central hinge pin assembly
- Rubber/elastomer seat lining (shown in blue in sectional diagram)
- Flow direction arrow cast onto body
- Dimensions ØA (outer flange diameter), ØE (bore/inner diameter), B (face-to-face length) indicated on sectional drawing

## OPTIONS & NOTES

- Operating mode: manual, worm gear, pneumatic, electric, etc.
- Working Pressure: PN16 (200PSI) stated in product header

CHECK VALVE

# Wafer Type Single Disc Swing Check Valve

REF **EFC-319** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1000</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>wafer (DIN) / wafer (BS) / wafer (UNI) / wafer (ISO) / wafer (ANSI) / wafer (AS) / wafer (JIS)</b>
Face-to-face	<b>API 594, API609, BS5155, DIN3202, ISO5752</b>
Temperature	<b>null°C to 150°C</b>
Media	<b>Fresh water, Sewage, Sea water, Air, Vapour, Food, Medicine, Oils, Acids, Alkalis</b>



## ACTUATION

- manual
- worm gear
- pneumatic
- electric

## STANDARDS

Design	<b>API 594</b>
Test	<b>API 598</b>

## APPLICATIONS

- HVAC
- Water treatment
- Industrial pipelines
- Horizontal flow installations
- Vertical upward flow installations



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel</b>	Plate	<b>Ductile Iron, Carbon Steel, Stainless Steel</b>
Spring	<b>Stainless Steel</b>	Hinge pin	<b>Stainless Steel</b>
Plug	<b>Carbon Steel</b>	Body bearing	<b>PTFE</b>
Spring bearing	<b>PTFE</b>	Stop pin	<b>Stainless Steel</b>
Eye bolt	<b>Carbon Steel</b>	Body seat	<b>NBR, EPDM, Viton, Neoprene</b>
Disc	<b>Ductile Iron, Carbon Steel, Stainless Steel</b>	Seat	<b>NBR, EPDM, Viton, Neoprene</b>

**FEATURES**

- Single disc swing check mechanism; disc opens under forward flow and closes on flow reversal
- Wafer-type body fits between standard flanges
- Low-pressure drop design
- Suitable for horizontal and vertical upward flow installations
- Multiple seat material options (NBR, EPDM, Viton, Neoprene) for different media compatibility
- Wafer-pattern dual-plate (double-door) check valve
- Blue epoxy-coated ductile/cast iron body
- Stainless steel disc plates (casting mark CF8 visible)
- Central spring-loaded hinge mechanism
- Lifting eye bolt fitted to body
- Dimensions defined by: ØA (overall flange OD), ØE (bore/seat diameter), B (face-to-face length)
- Flow direction indicated on sectional drawing
- 10 numbered components visible in sectional diagram: (1) lifting eye bolt, (2) hinge pin/shaft upper, (3) disc plate upper, (4) disc plate lower, (5) body lower, (6) seat/seal ring lower, (7) central spring, (8) body upper, (9) seat/seal ring upper, (10) body wafer shell

**OPTIONS & NOTES**

- Operating mode listed as: manual, worm gear, pneumatic, electric, etc.

CHECK VALVE

# Tilting Disc Check Valve

REF **EFC-324** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN200 to DN1600</b>
Pressure	<b>PN10 to PN25</b>
End connection	<b>flanged (EN1092-2 / BS4504)</b>
Face-to-face	<b>EN558 series 14</b>
Temperature	<b>null°C to null°C</b>
Media	<b>Water, Neutral liquids</b>

## ACTUATION

- lever and counterweight — Adjustable counterweight; valve shafts protrude on both sides of body — External, mounted on shaft protruding both sides of body
- hydraulic damper — External hydraulic damper enabling two-step quick/slow closing action — External, on request

## STANDARDS

Design	<b>EN12334, BS EN12334, EN558-1</b>
Test	<b>EN 12266-1 Class A, EN1074</b>

## COATINGS & LINING

- FBE (Fusion Bonded Epoxy), minimum 250 microns

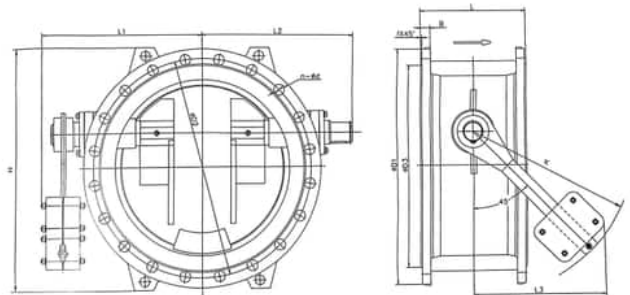
## APPLICATIONS

- Pump discharge in piping systems
- Main transmission pipelines
- Irrigation systems
- Fire fighting



### TILTING DISC CHECK VALVE

Design standard: EN12334  
Face to face length acc. to EN558-1 series 14( ISO 5752 series 14, DIN 3202 F4)  
Flange dimensions and drilling acc. to EN1092-2 (ISO 7005-2)



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>GJS500-7, GJS400-15</b>	Disc	<b>GJS500-7, GJS400-15</b>
Shaft	<b>1.4021</b>	Disc seal ring	<b>EPDM, NBR</b>
O ring	<b>EPDM, NBR</b>	Seal bush	<b>1.4301</b>
Bearing bush	<b>1.4301</b>	Bearing	<b>1.4301+PTFE</b>
Retainer ring	<b>1.4301</b>	Pin	<b>1.4021</b>
Key	<b>1.4021</b>	Bolt	<b>A2-70</b>
End cover	<b>GJS500-7, GJS400-15</b>	Lever	<b>1.0038</b>
Counterweight	<b>GJL250</b>	Counterweight	<b>Cast Iron-GJL250 (GG25)</b>
Lever	<b>Carbon Steel-1.0038 (S235JR)</b>	End Cover	<b>Ductile Iron-GJS500-7 (GG650), GJS400-15 (GGG40)</b>
Seal Bush	<b>Stainless Steel-1.4301 (SS304)</b>	Shaft	<b>Stainless Steel-1.4021 (SS420)</b>
Bearing Bush	<b>Stainless Steel-1.4301 (SS304)</b>	Bearing	<b>Stainless Steel Base-1.4301 (SS304) + PTFE</b>
O Ring	<b>Rubber-EPDM, NBR</b>	Body	<b>Ductile Iron-GJS500-7 (GG650), GJS400-15 (GGG40)</b>
Retainer Ring	<b>Stainless Steel-1.4301 (SS304)</b>	Bolt	<b>Stainless Steel-A2-70</b>
Disc Seal Ring	<b>Rubber-EPDM, NBR</b>	Disc	<b>Ductile Iron-GJS500-7 (GG650), GJS400-15 (GGG40)</b>
Pin	<b>Stainless Steel-1.4021 (SS420)</b>	Key	<b>Stainless Steel-1.4021 (SS420)</b>
Seat	<b>EPDM, NBR</b>	Stem	<b>1.4021</b>

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## FEATURES

---

- Double eccentric disc design
- Rubber-to-metal sealing system
- Two-step closing action: quick action and slow action
- Prevents reverse flow and water hammer on pump stoppage
- Replaceable disc seal ring and shaft O-rings; no special tools required
- Metal seal ring on body for extended service life
- Self-lubricating shaft bearing
- Large eccentricity for quick closing
- Shaft protrudes both sides of body for lever and counterweight mounting
- Adjustable counterweight to adapt to individual working conditions
- Vertical and horizontal pipeline installation supported
- Short body, compact volume
- Automatically operated; no external power unit required
- Size range: DN100 to DN2000
- Pressure range: PN10 to PN16
- Coating: fusion bonded epoxy, minimum thickness e250 micron
- Suitable medium: water and low-corrosive liquids
- Suitable temperature: -10 to 80°C
- Large eccentric disc design providing large opening degree
- T-profiled disc seal ring fixed by retainer, bi-directional sealing, tool-free replacement
- Stainless steel base with PTFE bearing for free operation without seizure
- Multiple shaft O-rings for long-life shaft sealing
- Streamlined low-profile disc for reduced flow resistance
- Stainless steel welded and finished body seat
- Disc open position at 45° to pipe axis (as shown in side-view drawing)
- Counterweight and lever arrangement for controlled closing

## OPTIONS & NOTES

---

- Other size and pressure are available as special request
- Other materials are available as special request
- The external hydraulic damper is available as special request, or individual working conditions
- MATERIAL\* (asterisk noted in table header — possible note not elaborated)

CHECK VALVE

# Rubber Flap Check Valve

REF **EFC-332** ISSUED 08 Jul 2026

## SPECIFICATIONS

End connection **flanged (EN-1092-2) / flanged (BS4504)**

Media **Potable water, Neutral liquids, Fluids containing suspended solids**

## STANDARDS

Design **DIN3202-F6, BS5153, BS EN12334, EN16767**

Test **EN-12266-1 Class A**

## APPLICATIONS

- Water supply and drainage systems (horizontal installation)
- Pump discharge to prevent backflow and water hammer
- Bypass pipes on reservoir inlet/outlet to prevent backflow into supply system
- Main transmission pipelines
- Irrigation systems
- Fire fighting
- Pump stations



**MATERIALS**

Body	<b>GJS500-7</b>	Flapper	<b>WCB+EPDM, WCB+NBR</b>
Gasket	<b>NBR, EPDM</b>	Cover	<b>GJS500-7</b>
Shaft pin	<b>SS304, SS316</b>	Bolt	<b>SS304, SS316</b>
Washer	<b>SS304, SS316</b>	Plug	<b>SS304, SS316</b>
O ring	<b>NBR, EPDM</b>	Body	<b>Ductile Iron GJS500-7</b>
Flapper	<b>WCB + EPDM, WCB + NBR</b>	Gasket	<b>NBR, EPDM</b>
Cover	<b>Ductile Iron GJS500-7</b>	Shaft Pin	<b>SS304, SS316</b>
Bolt	<b>SS304, SS316</b>	Washer	<b>SS304, SS316</b>
Plug	<b>SS304, SS316</b>	O-Ring	<b>NBR, EPDM</b>
Disc reinforcement	<b>Steel (WCB), Nylon reinforced</b>	Internal coating	<b>WRAS approved fusion-bonded epoxy</b>
Disc	<b>WCB+EPDM, WCB+NBR</b>	Seat	<b>NBR, EPDM</b>
Stem	<b>SS304, SS316</b>	Bonnet	<b>GJS500-7</b>

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## FEATURES

---

- Rubber seat, zero leakage
- Rubber lining for abrasion resistance
- 100% flow area, full waterway for low headloss
- Suitable for horizontal installation
- One-piece disc, precision moulded EPDM
- Internal steel reinforcement disc for positive closure
- Non-slam, non-clogging operation
- No counterweight required
- Disc service life rated to 1 million cycles
- 100% hydraulic testing before delivery
- Domed cover design
- Full bore flow area for low head loss and non-clog operation
- One-piece disc with steel and nylon reinforcement providing 100% drip-tight sealing
- Disc opens to 45° from seat and swings to 35° open position at 100% flow
- Drain plug fitted at bottom of body
- Lifting eyebolts on cover
- Body and bonnet fusion bonded (bolted cover with gasket seal)
- WRAS approved EPDM rubber available upon request
- Performance: DN50: ~0.08 m headloss at ~5 m<sup>3</sup>/h (approx. V=1 m/s)
- Performance: DN50: ~3.5 m headloss at ~20 m<sup>3</sup>/h (approx. V=6 m/s)
- Performance: DN100: ~0.05 m headloss at ~50 m<sup>3</sup>/h (approx. V=2 m/s)
- Performance: DN100: ~1.0 m headloss at ~100 m<sup>3</sup>/h (approx. V=4-6 m/s)
- Performance: DN200: ~0.05 m headloss at ~200 m<sup>3</sup>/h (approx. V=2 m/s)
- Performance: DN300: ~0.05 m headloss at ~500 m<sup>3</sup>/h (approx. V=2 m/s)
- Performance: DN500: ~0.03 m headloss at ~2000 m<sup>3</sup>/h (approx. V=1 m/s)
- Performance: DN600: ~1.5 m headloss at ~10000 m<sup>3</sup>/h (approx. V=6 m/s)
- Performance: Velocity reference lines shown at 1, 2, 4, and 6 m/s across all sizes DN50 - DN600

## OPTIONS & NOTES

---

- WRAS approved material for drinking water upon request.
- The check valve is generally suitable for cleaning media, and should not be used for media with solid particles and high viscosity.

CHECK VALVE

# SDCV - Slanted Disc Check Valve

REF **EFC-383** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN200 to DN1600</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>flanged (EN 1092-2)</b>

## STANDARDS

Design	<b>EN 12334</b>
--------	-----------------

## COATINGS & LINING

- Epoxy powder coating inside and outside per GSK standard

## APPLICATIONS

- Pump discharge
- Water transmission
- Treated effluent
- Booster stations



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

Body **EN-GJS-400-15 (GGG-40)**

## FEATURES

- The SDCV features a slanted disc that closes at a low angle to the flow direction, significantly reducing the closing velocity and disc slam compared to conventional swing check valves
- The low headloss design minimises pumping energy
- The slanted geometry ensures self-closing under gravity with minimal reverse flow
- Suitable for pump discharge on clean water and treated effluent

## PRESSURE-TEMPERATURE RATING

CLASS	TEMPERATURE	MAX PRESSURE
PN10	-10°C	10 bar
PN10	80°C	10 bar
PN16	-10°C	16 bar
PN16	80°C	16 bar

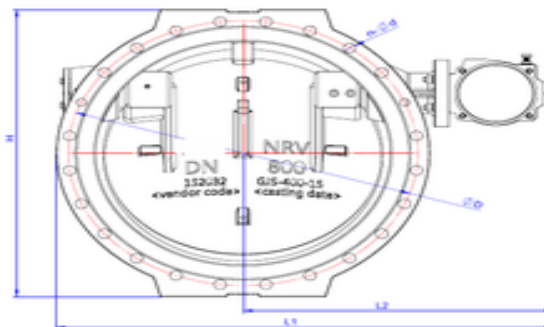
CHECK VALVE

# SDCV - Slanted Disc Check Valve

SECTION Technical drawing 1 REF EFC-383

## RDCV-Mian Valve

- Body: GGG40
- Disc: GGG40
- Shaft: 2Cr13
- Sealing: EPDM
- Retaining ring: stainless steel 304
- Seat: nickel alloy welded seat
- Cushion device  
Body, Piston: aluminum alloy  
Seal guide: PTFE



Dimension:

Unit: mm

### PN10

DN	unit	200	250	300	350	400	450	500	600	700	800	900	1000	1200	1400	1600
H	[mm]	370	410	470	530	600	600	680	820	910	1030	1130	1260	1480	1690	1930
L1	[mm]	609	615	744.5	858	901.5	901.5	1068	1123	1224	1352	1679	1684.5	1917	2410	2525
L2	[mm]	429	415	517	601	619	619	733	733	776	844	1119	1062	1182	1573	1618
D	[mm]	295	350	400	460	515	515	620	725	840	950	1050	1160	1380	1590	1820
n-Φd	[mm]	8-Φ23	12-Φ23	12-Φ23	16-Φ23	16-Φ28	16-Φ28	20-Φ28	20-Φ31	24-Φ30	24-Φ34	28-Φ34	28-Φ37	32-Φ41	36-Φ44	40-Φ50
W1	[mm]	230	250	270	290	310	310	350	390	430	470	510	550	630	710	790
W2	[mm]	253	278	288	354	361	361	424	489	519	575	784	784	845	946	950

### PN16

DN	unit	200	250	300	350	400	450	500	600	700	800	1000	1400
H	[mm]	370	410	470	530	600	650	680	820	910	1030	1260	1260
L1	[mm]	609	615	744.5	858	913.5	1003	1090.5	1228.5	1245	1374.5	1712	2411
L2	[mm]	429	415	517	601	623	683	733	781	790	862	1084.5	1568
D	[mm]	295	355	410	470	525	585	650	70	840	950	1170	1590
n-Φd	[mm]	12-Φ23	12-Φ28	12-Φ28	16-Φ28	16-Φ31	20-Φ31	20-Φ34	20-Φ37	24-Φ37	24-Φ41	28-Φ44	36-Φ50
W1	[mm]	230	250	270	290	310	330	350	390	430	470	550	710
W2	[mm]	253	278	288	354	361	398	424	489	519	575	640	946

SDCV - 0150 - 16

End Connection / ratings:  
10: PN10  
16: PN16

Model:  
SDCV: Slanted Disc Check Valve

Valve Size:  
0080: 80 mm  
0150: 150 mm

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# SDCV - Slanted Disc Check Valve

SECTION Dimensions per size REF EFC-383

SIZE	H	L1	L2	D	N-PHID	W1	W2
DN200 (PN16)	370	609	429	295	12-!23	230	253
DN250 (PN16)	410	615	415	350	12-!28	250	278
DN300 (PN16)	470	744.5	517	400	12-!28	270	288
DN350 (PN16)	530	858	601	460	16-!28	290	354
DN400 (PN16)	600	901.5	619	515	16-!31	310	361
DN450 (PN16)	600	901.5	619	515	20-!31	310	361
DN500 (PN16)	680	1068	733	620	20-!34	350	424
DN600 (PN16)	820	1123	733	725	20-!37	390	489
DN700 (PN16)	910	1224	776	840	24-!37	430	519
DN800 (PN16)	1030	1352	844	950	24-!41	470	575
DN1000 (PN16)	1260	1684.5	1062	1160	28-!44	550	784
DN1400 (PN16)	1690	2410	1573	1590	36-!50	710	946

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# NSCV - DN50 - DN350

REF **EFC-386** ISSUED 08 Jul 2026

## SPECIFICATIONS

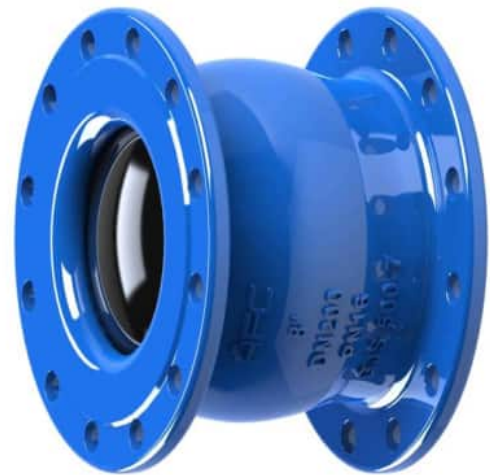
Size	<b>DN50 to DN350</b>
Pressure	<b>PN10 to PN25</b>
End connection	<b>flanged (EN 1092-2) / flanged (EN 1092-2) / flanged (EN 1092-2)</b>
Media	<b>Clean Water</b>

## STANDARDS

Design	<b>EN 558-1, ISO 5752, EN 1092-2, ISO 7005-2</b>
--------	--

## APPLICATIONS

- Pump discharge – no slam
- Water supply
- Booster stations
- High-pressure systems



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	Ductile Iron GJS 500-7	Diffuser	Ductile Iron GJS 500-7
Disc	Ductile Iron + EPDM rubber	Spring	AISI 304, AISI 316 Stainless Steel
Bushing	Bronze C61900	Stem	Stainless Steel AISI 420, Stainless Steel AISI 304, 316
Washer	Rubber EPDM	Nut	Stainless Steel AISI 420, Stainless Steel AISI 304
Set screw	Stainless Steel AISI 304		

**FEATURES**

- The NSCV for DN50 - DN350 uses a spring-loaded disc that begins to close before flow reversal occurs
- The spring force maintains the disc in near-closed position during the pump deceleration phase, so the disc is already seated or nearly so, when the reverse pressure differential arrives
- This eliminates slam and the associated pressure transient
- Available with stainless body for corrosive or high-purity service

**PRESSURE-TEMPERATURE RATING**

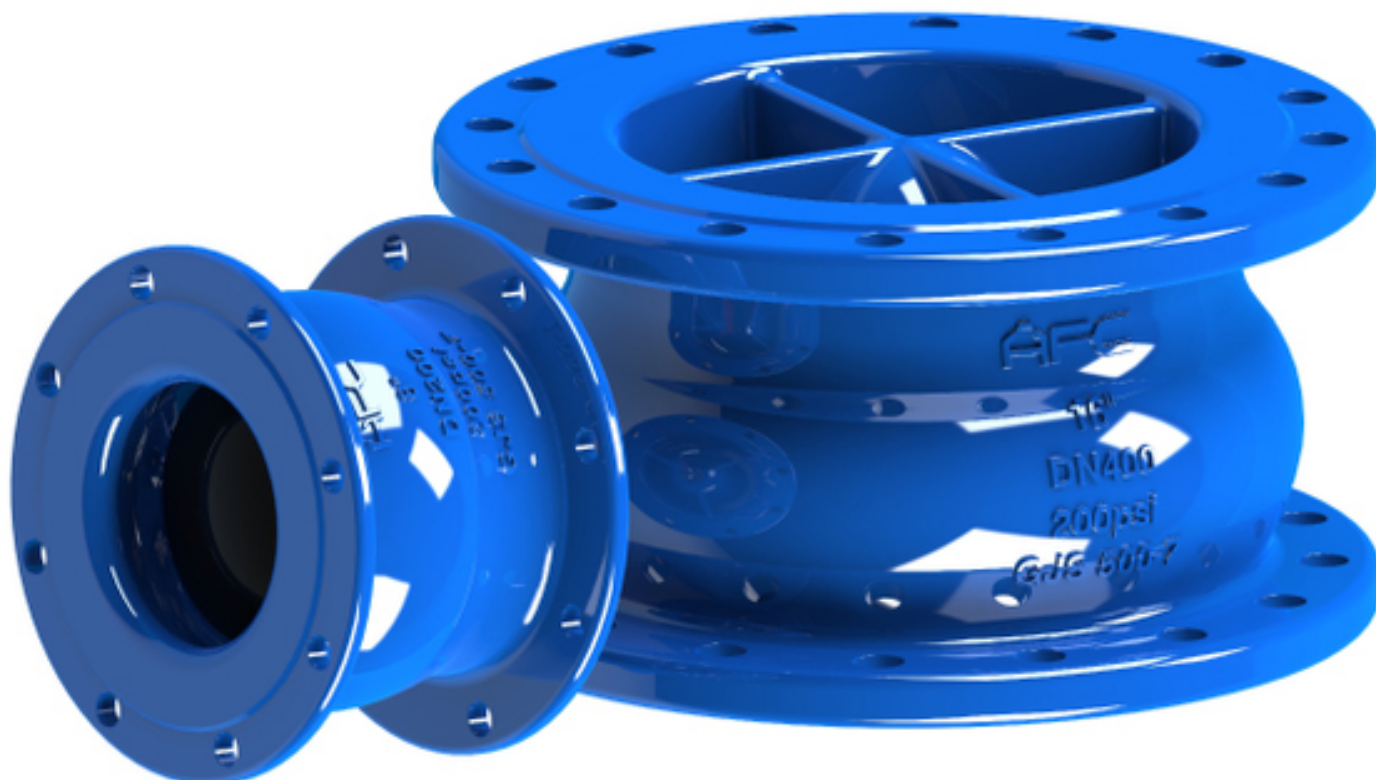
CLASS	TEMPERATURE	MAX PRESSURE
PN25	-10°C	25 bar
PN25	80°C	25 bar
PN16	-10°C	16 bar
PN16	80°C	16 bar
PN10	-10°C	10 bar
PN10	80°C	10 bar

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# NSCV - DN50 - DN350

SECTION Technical drawing 1 REF EFC-386



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-386** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

CHECK VALVE

# NSCV - DN50 - DN350

SECTION Dimensions per size REF EFC-386

SIZE	LOD_PN16OK_PN16C_PN10_10	D_PN25OK_PN25	C_PN25OD_PN10OK_PN10	C_PN10	C_PN16
DN50	150	165	125	19	—
DN65	170	185	145	19	—
DN80	180	200	160	19	—
DN100	190	220	180	19	235
DN125	200	250	210	19	270
DN150	210	285	240	19	300
DN200	230	340	295	20	360
DN250	250	405	355	22	425
DN300	270	460	410	24.5	485
DN350	290	520	470	24.5	555
DN400	310	580	525	—	620
DN450	330	640	585	—	670
DN500	350	715	650	—	730
DN600	390	840	770	—	845
DN700	430	910	840	—	960
DN800	470	1025	950	—	1085
DN900	510	1125	1050	—	1185
DN1000	550	1255	1170	—	1320
DN1200	630	1485	1390	—	1530

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# NSCV - DN400 - DN1200

REF **EFC-387** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN400 to DN1200</b>
Pressure	<b>PN10 to PN25</b>
End connection	<b>flanged (EN 1092-2) / flanged (EN 1092-2) / flanged (EN 1092-2)</b>
Face-to-face	<b>EN 558-1, ISO 5752</b>
Media	<b>Clean water, Precleaned sewage water, Fire-fighting, Irrigation, Cooling, HVAC</b>

## STANDARDS

Design	<b>EN 1092-2, ISO 7005-2</b>
--------	------------------------------

## COATINGS & LINING

- powder epoxy

## APPLICATIONS

- Large transmission mains
- Bulk water supply
- Long rising mains
- High-head pump stations



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	Ductile Iron GJS 500-7	Diffuser	Ductile Iron GJS 500-7
Disc	Ductile Iron + EPDM rubber	Spring	AISI 304, AISI 316 Stainless Steel
Bushing	Bronze C61900	Stem	Stainless Steel AISI 420, Stainless Steel AISI 304
Washer	Plastic, Nylon	Nut	Stainless Steel AISI 304
Plug	Ductile Iron GJS 500-7	Set screw	Stainless Steel AISI 304

**FEATURES**

- The large-diameter NSCV for DN400 - DN1200 is an axial-flow nozzle check valve with a streamlined disc and spring assembly coaxial with the flow path
- The axial design provides the lowest headloss of any check valve type, important on long rising mains where energy savings are significant
- The spring ensures rapid, slam-free closure on pump trip regardless of pipeline profile

**PRESSURE-TEMPERATURE RATING**

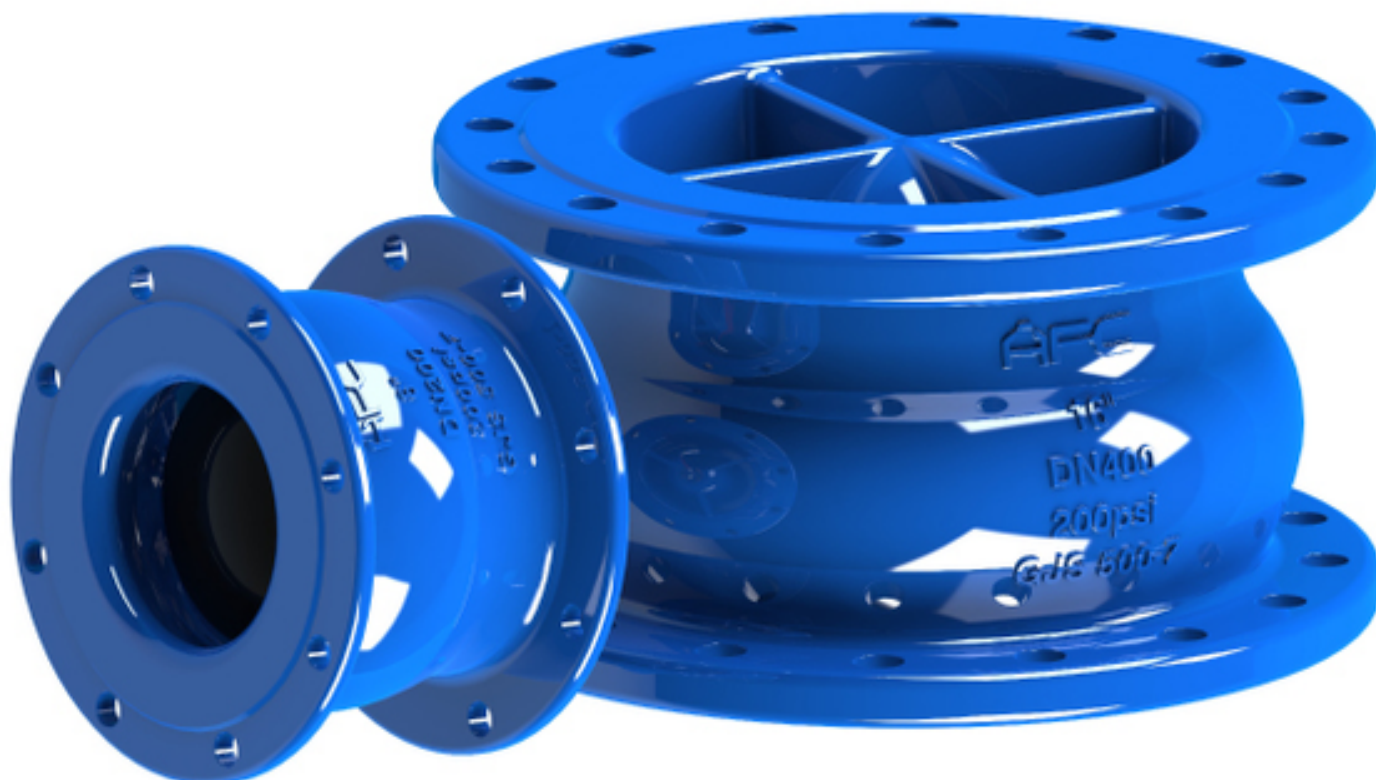
CLASS	TEMPERATURE	MAX PRESSURE
PN25	-10°C	25 bar
PN25	80°C	25 bar
PN16	-10°C	16 bar
PN16	80°C	16 bar
PN10	-10°C	10 bar
PN10	80°C	10 bar

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# NSCV - DN400 - DN1200

SECTION Technical drawing 1 REF EFC-387



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-387** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

CHECK VALVE

# NSCV - DN400 - DN1200

SECTION Dimensions per size REF EFC-387

SIZE	L	D_PN10	D_PN16	D_PN25	K_PN10	K_PN16	K_PN25	C_PN10	C_PN16	C_PN25
DN400	310	565	580	620	515	525	550	24.5	24.5	48
DN450	330	615	640	670	565	585	600	25.5	25.5	49
DN500	350	670	715	730	620	650	660	26.5	26.5	52
DN600	390	780	840	845	725	770	770	30	30	58
DN700	430	910	910	960	840	840	875	39.5	39.5	46.5
DN800	470	1025	1025	1085	950	950	990	43	43	51
DN900	510	1125	1125	1185	1050	1050	1090	46.5	46.5	55.5
DN1000	550	1230	1255	1320	1160	1170	1210	40	50	60
DN1200	630	1455	1485	1530	1380	1390	1420	45	57	69

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

CHECK VALVE

# Forged Check Valve

REF **EFC-433** ISSUED 08 Jul 2026

## SPECIFICATIONS

### STANDARDS

Design	<b>API</b>
--------	------------



## MATERIALS

Body	<b>Forged Steel</b>
------	---------------------

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-433** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

CHECK VALVE

# DIN Cast Steel Swing Check Valve

REF **EFC-438** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN500</b>
Pressure	<b>PN10 to PN100</b>
End connection	<b>flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (DIN 2542) / flanged (DIN 2543) / flanged (DIN 2544) / flanged (DIN 2545) / flanged (DIN 2546) / flanged (DIN 2547)</b>
Face-to-face	<b>DIN 3202</b>

## STANDARDS

Design	<b>DIN 3840, BS 1868</b>
Test	<b>DIN 3230, API 598</b>

## MATERIALS

Body	<b>GS-C25, 1.4308, 1.4408, WCB, LCB, WC6, CF3, CF3M, CF8C</b>	Disc	<b>GS-C25+13Cr, GS-C25+STL, 1.4308, 1.4408</b>
Disc nut	<b>A194 2H, A194 8, A194 8M</b>	Arm	<b>GS-C25+13Cr, GS-C25+STL, 1.4308, 1.4408</b>
Arm pin	<b>A182 F6A, A182 F304, A182 F316</b>	Bonnet bolt	<b>A193 B7, A193 B8</b>
Bonnet nut	<b>A194 2H, A194 8</b>	Gasket	<b>Graphite + SS304, Graphite + SS316</b>
Bonnet	<b>GS-C25, 1.4308, 1.4408</b>	Eye bolt	<b>Carbon Steel</b>
Plug	<b>Carbon Steel, A182 F304, A182 F316</b>		

## FEATURES

- Swing check valve design
- Multiple pressure class options: PN16, PN25, PN40, PN63, PN100
- Multiple trim material configurations available
- Graphite spiral wound gasket with stainless steel winding



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# DIN Cast Steel Swing Check Valve

SECTION Dimensions per size REF EFC-438

SIZE	D	D1	D2	B	F	N-Ø	L	H
DN50 (PN16)	165	125	102	20	3	4	300	205
DN50 (PN25)	165	125	102	20	3	4	300	205
DN50 (PN40)	165	125	102	20	3	4	300	205
DN50 (PN63)	180	135	102	26	3	4	300	205
DN50 (PN100)	195	145	102	30	3	8	300	205
DN65 (PN16)	185	145	122	18	3	4	340	225
DN65 (PN25)	185	145	122	22	3	8	340	225
DN65 (PN40)	185	145	122	22	3	8	340	225
DN65 (PN63)	205	160	122	26	3	8	340	225
DN65 (PN100)	220	170	122	34	3	8	340	225
DN80 (PN16)	200	160	138	20	3	8	380	235
DN80 (PN25)	200	160	138	24	3	8	380	235
DN80 (PN40)	200	160	138	24	3	8	380	235
DN80 (PN63)	215	170	138	28	3	8	380	235
DN80 (PN100)	230	180	138	36	3	8	380	235
DN100 (PN16)	220	180	158	20	3	8	430	275
DN100 (PN25)	235	190	162	24	3	8	430	275
DN100 (PN40)	235	190	162	24	3	8	430	275
DN100 (PN63)	250	200	162	30	3	8	430	275
DN100 (PN100)	265	210	162	40	3	8	430	275
DN125 (PN16)	250	210	188	22	3	8	500	305
DN125 (PN25)	270	220	188	24	3	8	500	305
DN125 (PN40)	270	220	188	24	3	8	500	305
DN125 (PN63)	295	240	188	34	3	8	500	305
DN125 (PN100)	315	250	188	40	3	8	500	305
DN150 (PN16)	285	240	212	22	3	8	550	345
DN150 (PN25)	300	250	218	28	3	8	550	345

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## DIN Cast Steel Swing Check Valve

Dimensions per size (continued) · EFC-438

SIZE	D	D1	D2	B	F	N-Ø	L	H
DN150 (PN40)	300	250	218	28	3	8	550	345
DN150 (PN63)	345	280	218	36	3	8	550	345
DN150 (PN100)	355	290	218	44	3	12	550	345
DN200 (PN16)	340	295	268	24	3	12	650	400
DN200 (PN25)	360	310	278	30	3	12	650	400
DN200 (PN40)	375	320	285	30	3	12	650	400
DN200 (PN63)	415	345	285	42	3	12	650	400
DN200 (PN100)	430	360	285	52	3	12	650	400
DN250 (PN16)	405	355	320	26	3	12	775	455
DN250 (PN25)	425	370	335	32	3	12	775	455
DN250 (PN40)	450	385	345	32	3	12	775	455
DN250 (PN63)	470	400	345	46	3	12	775	455
DN300 (PN16)	460	410	378	28	4	12	900	520
DN300 (PN25)	485	430	395	34	4	16	900	520
DN300 (PN40)	515	450	410	34	4	16	900	520
DN300 (PN63)	530	460	410	52	4	16	900	520
DN350 (PN16)	520	470	438	30	4	16	1025	575
DN350 (PN25)	555	490	450	36	4	16	1025	575
DN350 (PN40)	580	510	465	38	4	16	1025	575
DN350 (PN63)	600	525	465	56	4	16	1025	575
DN400 (PN16)	580	525	490	32	4	16	1150	630
DN400 (PN25)	620	550	505	40	4	16	1150	630
DN400 (PN40)	660	585	535	50	4	16	1150	630
DN400 (PN63)	670	585	535	60	4	16	1150	630
DN500 (PN16)	715	650	610	36	4	20	1400	750
DN500 (PN25)	730	660	615	40	4	20	1400	750
DN500 (PN40)	755	670	615	52	4	20	1400	750
DN500 (PN63)	800	705	615	68	4	20	1400	750

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# DIN Lift Check Valve

REF **EFC-439** ISSUED 08 Jul 2026

## SPECIFICATIONS

---

## STANDARDS

---

Design	<b>DIN</b>
--------	------------

---



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-439** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

CHECK VALVE

# Y-Type Check Valve

REF **EFC-503** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN15 to DN400</b>
Pressure	<b>PN16 to PN420</b>
Temperature	<b>-29°C to 538°C</b>
Media	<b>water, oil, gas</b>

## APPLICATIONS

- water
- oil
- gas



## MATERIALS

Body	<b>Carbon steel, Stainless steel, Alloy steel</b>	Guide sleeve	<b>Stainless steel</b>
Sealing surfaces	<b>Cobalt-based alloy weld overlay</b>	Guide ribs	<b>Hard alloy weld overlay</b>

## FEATURES

- Y-shaped valve body provides low flow resistance
- Valve disc moves vertically (up and down); connecting pipe links upper chamber to valve outlet enabling full-stroke travel
- Reduced impact and vibration during disc travel
- Guide ribs welded with hard alloy for wear resistance
- Guide sleeve manufactured from stainless steel
- Pressure self-tightening seal for reliable sealing
- Valve disc and seat sealing surfaces faced with cobalt-based alloy weld overlay for high hardness, corrosion resistance, and abrasion resistance

## OPTIONS & NOTES

- Operator: / (no actuator stated)
- Material options include 'etc.' — additional materials may be available on request

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CHECK VALVE

# Power Plant Check Valve

REF **EFC-514** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN50 to DN600</b>
Pressure	<b>Class 600 to Class 2500</b>
End connection	<b>butt weld (GB/T 12224 / NB/T 47044) / flanged (GB/T 9113 / ASME B16.5)</b>
Face-to-face	<b>GB/T 12221, NB/T 47044</b>
Temperature	<b>-29°C to 650°C</b>

## ACTUATION

- Manual
- Pneumatic
- Electric

## STANDARDS

Design	<b>GB/T 12224, ASME B16.34, NB/T 47044</b>
Test	<b>GB/T 26480</b>

## APPLICATIONS

- High-temperature and high-pressure thermal power plants
- Power generation industry
- Petroleum refining



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

---

Body **Carbon steel, Stainless steel, Alloy steel**

---

## FEATURES

---

- Low fluid resistance due to straight-through internal medium passage
- Flow direction does not change through the valve
- Pressure self-tightening seal
- Butt-welded end connections as standard
- Rapid valve disc closure resulting in low water hammer pressure
- Simple body structure
- Good sealing performance
- Sealing surface subject to minimal erosion when fully open

## OPTIONS & NOTES

---

- Nominal size also expressed as NPS 2~NPS 24
- Pressure rating also expressed as PN100~PN420
- Operator options listed as 'Manual, Pneumatic, Electric, etc.'

GATE VALVE

# API Gate Valve

REF **EFC-2** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>NPS 2" to NPS 48"</b>
Pressure	<b>Class 150 to Class 900</b>
End connection	<b>flanged (ASME B16.5) / flanged (ASME B16.47)</b>
Face-to-face	<b>ASME B16.10</b>
Temperature	<b>-29°C to 425°C</b>
Media	<b>Water, Steam, Oil</b>

## ACTUATION

- manual handwheel — QT400-18 ductile iron handwheel with bearing

## STANDARDS

Design	<b>API 600, BS 1414, ASME B16.34</b>
Test	<b>API 598</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	ASTM A216 WCB, ASTM A351 CF8, ASTM A351 CF8M	Bonnet	ASTM A216 WCB, ASTM A351 CF8, ASTM A351 CF8M
Wedge	ASTM A216 WCB+13CR, ASTM A216 WCB+STL, ASTM A351 CF8, ASTM A351 CF8M	Seat	ASTM A105+13CR, ASTM A105+STL, ASTM A351 CF8, ASTM A351 CF8M
Stem	ASTM A182 F6A, ASTM A182 F304, ASTM A182 F316	Bolts	ASTM A193 B7, ASTM A193 B8
Nuts	ASTM A194 2H, ASTM A194 8	Gasket	GRAPHITE+SS304, GRAPHITE+SS316
Back seat	A182 F6A, ASTM A351 CF8, ASTM A351 CF8M	Packing	GRAPHITE, PTFE
Gland	A182 F6A, A182 F304, A182 F316	Gland flange	ASTM A216 WCB, ASTM A351 CF8
Stem nut	COPPER ALLOY or D2	Hand wheel	QT400-18
Bearing gland	1035	Pin	1025, SS304
Grease nipple	BRASS	Nameplate	SS
Lock nut	A3	Disc	ASTM A216 WCB+13CR, ASTM A216 WCB+STL, ASTM A351 CF8, ASTM A351 CF8M

**FEATURES**

- Back seat provided for stem sealing
- Graphite packing standard; PTFE packing option available for CF8 and CF8M variants
- Wedge gate design
- Rising stem with stem nut in copper alloy or D2 tool steel
- Bolted bonnet construction
- Rising stem gate valve with flanged ends
- Handwheel operated
- Body casting markings indicate: DN100 (4 inch), Class 150, WCB carbon steel body

**OPTIONS & NOTES**

- Suitable Medium: Water, Steam, Oil, ect

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# API Gate Valve

SECTION Dimensions per size REF EFC-2

SIZE	D	D	D1	D2	B	FN_BOLT_HOLE	L	H	W
NPS 2" (150LB)	51	152	120.5	92	16	1.6 4-ø19	178	354	200
NPS 2.5" (150LB)	64	178	139.5	105	18	1.6 4-ø19	190	384	220
NPS 3" (150LB)	76	190	152.5	127	19	1.6 4-ø19	203	440	250
NPS 4" (150LB)	102	229	190.5	157	24	1.6 8-ø19	229	495	280
NPS 5" (150LB)	127	254	216	186	24	1.6 8-ø22	254	550	300
NPS 6" (150LB)	152	279	241.5	216	26	1.6 8-ø22	267	620	300
NPS 8" (150LB)	203	343	298.5	270	29	1.6 8-ø22	292	768	350
NPS 10" (150LB)	254	406	362	324	31	1.6 12-ø25	330	937	400
NPS 12" (150LB)	305	483	432	381	32	1.6 12-ø25	356	1108	450
NPS 14" (150LB)	337	533	476	413	35	1.6 12-ø29	381	1253	500
NPS 16" (150LB)	387	597	540	470	37	1.6 16-ø29	406	1420	600
NPS 18" (150LB)	438	635	578	533	40	1.6 16-ø32	432	1500	680
NPS 20" (150LB)	489	699	635	584	43	1.6 20-ø32	457	1641	720
NPS 24" (150LB)	591	813	749.5	693	48	1.6 20-ø35	508	2048	600
NPS 28" (150LB)	692	927	864	800	72	1.6 28-ø35	610	2450	600
NPS 30" (150LB)	743	985	914.4	858	75	1.6 28-ø35	610	2953	600
NPS 2" (300LB)	51	165	127	92	23	1.6 8-ø19	216	368	220
NPS 2.5" (300LB)	64	190	149	105	26	1.6 8-ø22	241	391	220
NPS 3" (300LB)	76	210	168.5	127	29	1.6 8-ø22	283	442	280
NPS 4" (300LB)	102	254	200	157	32	1.6 8-ø22	305	507	300
NPS 5" (300LB)	127	279	235	186	35	1.6 8-ø22	381	570	300
NPS 6" (300LB)	152	318	270	216	37	1.6 12-ø22	403	653	350
NPS 8" (300LB)	203	381	330	270	42	1.6 12-ø25	419	782	400
NPS 10" (300LB)	254	445	387.5	324	48	1.6 16-ø29	457	990	450
NPS 12" (300LB)	305	521	451	381	51	1.6 16-ø32	502	1155	500

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## API Gate Valve

Dimensions per size (continued) · EFC-2

SIZE	D	D	D1	D2	B	FN_BOLT_HOLE	L	H	W
NPS 14" (300LB)	337	584	514.5	413	54	1.6 20-ø32	762	1253	460
NPS 16" (300LB)	387	648	571.5	470	58	1.6 20-ø35	838	1420	530
NPS 18" (300LB)	432	711	628.5	533	61	1.6 24-ø35	914	1530	530
NPS 20" (300LB)	483	775	686	584	64	1.6 24-ø35	991	1920	530
NPS 24" (300LB)	584	914	813	693	70	1.6 24-ø41	1143	2010	530
NPS 28" (300LB)	686	1035	940	800	86	1.6 28-ø45	1346	2596	600
NPS 30" (300LB)	737	1092	997	858	92	1.6 28-ø48	1397	2767	600
NPS 36" (300LB)	889	1270	1168	1023	105	1.6 32-ø54	1727	3159	600
NPS 2" (600LB)	51	165	127	92	26	6.4 8-ø19	292	370	220
NPS 2.5" (600LB)	64	190	149	100	29	6.4 8-ø22	330	442	220
NPS 3" (600LB)	76	210	168	127	32	6.4 8-ø22	356	470	280
NPS 4" (600LB)	102	273	216	157	38	6.4 8-ø25	432	557	300
NPS 5" (600LB)	127	330	266.5	186	45	6.4 8-ø29	508	626	350
NPS 6" (600LB)	152	356	292	216	48	6.4 12-ø29	559	732	450
NPS 8" (600LB)	200	419	349	270	56	6.4 12-ø32	660	866	500
NPS 10" (600LB)	248	508	432	324	64	6.4 16-ø35	787	1002	650
NPS 12" (600LB)	298	559	489	381	67	6.4 20-ø35	838	1230	530
NPS 14" (600LB)	327	603	527	413	70	6.4 20-ø38	889	1443	530
NPS 16" (600LB)	385	686	603	470	77	6.4 20-ø41	991	1593	530
NPS 18" (600LB)	419	743	654	533	83	6.4 20-ø44	1092	1652	530
NPS 20" (600LB)	464	813	724	584	89	6.4 24-ø44	1194	1925	600
NPS 24" (600LB)	559	940	838	693	102	6.4 24-ø52	1397	2184	600
NPS 28" (600LB)	670	1073	965.2	800	112	6.4 28-ø54	1549	2548	600
NPS 2" (900LB)	47	216	165	92	38.5	6.4 8-ø26	368	383	280
NPS 3" (900LB)	73	241	190.5	127	38.5	6.4 8-ø26	381	507	300
NPS 4" (900LB)	98	292	235	157	44.5	6.4 8-ø32	457	603	350
NPS 5" (900LB)	121	349	279.5	186	51	6.4 8-ø35	559	686	450
NPS 6" (900LB)	146	381	317.5	216	56	6.4 12-ø32	610	802	500
NPS 8" (900LB)	190	470	393.5	270	63.5	6.4 12-ø38	737	956	600
NPS 10" (900LB)	238	546	470	324	70	6.4 16-ø38	838	1112	530
NPS 12" (900LB)	282	610	533.5	381	79.5	6.4 20-ø38	965	1370	530

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Forged Gate Valve

REF **EFC-3** ISSUED 08 Jul 2026

## SPECIFICATIONS

---



## FEATURES

---

- Forged steel globe valve with handwheel operator
- Socket weld end connections visible
- Body material marking: A105N
- Pressure class marking: 800
- Valve type marking: 2GN (rising stem globe valve)

---

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Stainless Steel Gate Valve

REF **EFC-28** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>NPS 2" to NPS 32"</b>
Pressure	<b>Class 150 to Class 900</b>
End connection	<b>flanged (ASME B16.5) / ring-type joint (ASME B16.5) / butt weld</b>
Face-to-face	<b>ASME B16.10</b>
Media	<b>chemicals, corrosive media, abrasive media, slurries, mixed solids</b>

## ACTUATION

- handwheel
- worm gear
- electric actuator
- pneumatic actuator
- hydraulic actuator

## STANDARDS

Design	<b>API602, ASME B16.34, BS 5352, BS 6364</b>
Test	<b>API598</b>

## APPLICATIONS

- oil and gas
- chemical and pharmaceuticals
- marine
- water and wastewater treatment
- manufacturing



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body cap	<b>OCr18Ni9, OOCr18Ni10, OOCr18Ni9Mo2, OOCr18Ni10Mo2, WCB</b>	Stem	<b>OCr18Ni9, OOCr18Ni10, OOCr18Ni9Mo2, OOCr18Ni10Mo2, 1Cr3</b>
Stem packing	<b>PTFE, Graphite</b>	Gasket	<b>304+PTFE, 304L+PTFE, 316+PTFE, 316L+PTFE, Graphite+304</b>
Gland flange	<b>OCr18Ni9, OOCr18Ni10, OOCr18Ni9Mo2, OOCr18Ni10Mo2, WCB</b>	Bolt	<b>Stainless Steel, 34GtMoA</b>
Nut	<b>Stainless Steel, 45</b>	Body	<b>OCr18Ni9, OOCr18Ni10, OOCr18Ni9Mo2, OOCr18Ni10Mo2, WCB</b>

**FEATURES**

- Gate and seat sealing surfaces produced with cemented carbide overlay welding of differing hardness
- Valve stem tempered and surface nitrided for corrosion resistance, scratch resistance, and wear resistance
- Flexible gate structure with thrust bearings on medium and large diameters to reduce friction
- Compatible with multiple piping flange standards and flange sealing surface forms
- Flanged end connections visible on both ends
- Rising stem with external thread
- Spoked blue handwheel operator
- Bolted bonnet construction
- Open yoke stem design
- Body casting markings indicate DN50, PN16, CF8 (cast stainless steel)

GATE VALVE

# Casting steel female thread gate valve

REF **EFC-38** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>1/2" to 4"</b>
Pressure	<b>200 WOG</b>
End connection	<b>threaded (NPT) / threaded (BSPT) / threaded (BSPP)</b>
Temperature	<b>null°C to null°C</b>
Media	<b>oil, gas, water, acid liquid</b>

## ACTUATION

- manual handwheel (screw lift) — Gate lifted by screw mechanism

## APPLICATIONS

- oil
- gas
- water
- acid liquid pipelines



**MATERIALS**

Body	<b>CF8M, CF8</b>	Bonnet	<b>CF8M, CF8</b>
Disc	<b>CF8M, CF8</b>	Body sealing	<b>PTFE</b>
Sealing surface overlay <b>1Cr13, STL6</b> options			

**FEATURES**

- Gate plate movement perpendicular to fluid flow direction; fully open/closed operation only, no throttling
- Low flow resistance due to straight-through medium channel
- Medium can flow in either direction; symmetrical passage
- PTFE packing for stem sealing
- Sealing surface overlay options: 1Cr13, STL6, stainless steel for wear resistance
- Precision casting valve body; internal geometry allows sealing without finishing
- Long opening and closing stroke; screw-driven gate lifting reduces water hammer risk
- Compact structure with short face-to-face length
- Stainless steel and cemented carbide sealing surface options
- Stainless steel body with red cast handwheel
- Female threaded (BSP/NPT) end connections
- Rising stem gate valve design

**OPTIONS & NOTES**

- MOQ: 20 pcs
- Sample available: Yes, sample is free
- Products can be made as per ASME, ANSI, DIN, GB, Europe standard and non-standard products as per customers' drawing and samples

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Rising Stem Gate Valve

REF **EFC-47** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN1000</b>
End connection	<b>flanged (DIN EN 1092-2)</b>
Temperature	<b>-10°C to 400°C</b>

## ACTUATION

- manual handwheel — GG 20 cast iron handwheel



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-47** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

**MATERIALS**

Body	<b>GG 25, GGG-40, GGG40.3, GSC25, Bronze RG5, RG7, RG10, SS304, SS316</b>	Body seat	<b>Ms 58, Bronze, S.S</b>
Wedge	<b>GG 25, GGG-40, GGG40.3, GSC25, Bronze RG5, RG7, RG10, SS304, SS316</b>	Wedge seat	<b>Ms 58, Bronze, S.S</b>
Stem nut dn125 600 only	<b>Bronze, GGG 40</b>	Stem	<b>SS420, Ms 58, Som59, CuZn35Ni, CuSn8, CuSn10, SS304, SS316</b>
Pin	<b>Ms 58, Bronze, S.S</b>	Gasket	<b>Klingerite, EPDM, GRAPHITE</b>
Bonnet	<b>GG 25, GGG-40, GGG40.3, GSC25, Bronze RG5, RG7, RG10, SS304, SS316</b>	Bolt	<b>B.8, A2, A4</b>
Packing	<b>GRAPHITE, TEFLON</b>	Yoke	<b>GG 25, GGG-40, GGG40.3, GSC25, Bronze RG5, RG7, RG10, SS304, SS316</b>
Packing nut	<b>GG 25, GGG-40, GGG40.3, GSC25, Bronze RG5, RG7, RG10, SS304, SS316</b>	Yoke nut	<b>Ms 58, Bronze, GGG 40</b>
Centering nut	<b>Ms 58, Bronze, S.S</b>	Oil nipple	<b>St.</b>
Handwheel	<b>GG 20</b>	Handwheel nut	<b>Ms 58, Bronze, S.S</b>

**FEATURES**

- Rising stem design provides visual indication of open/closed position
- Wedge-type disc for DN40-100 and DN125-600 size ranges
- Bronze or stainless steel seat options for corrosion resistance
- Multiple body material options: cast iron, ductile iron, cast steel, bronze, and stainless steel
- Graphite or PTFE packing options
- Available with EPDM, graphite, or compressed fibre (Klingerite) gaskets

**PRESSURE-TEMPERATURE RATING**

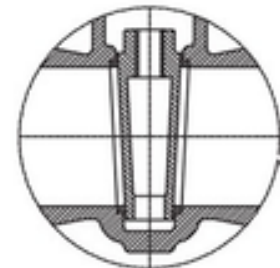
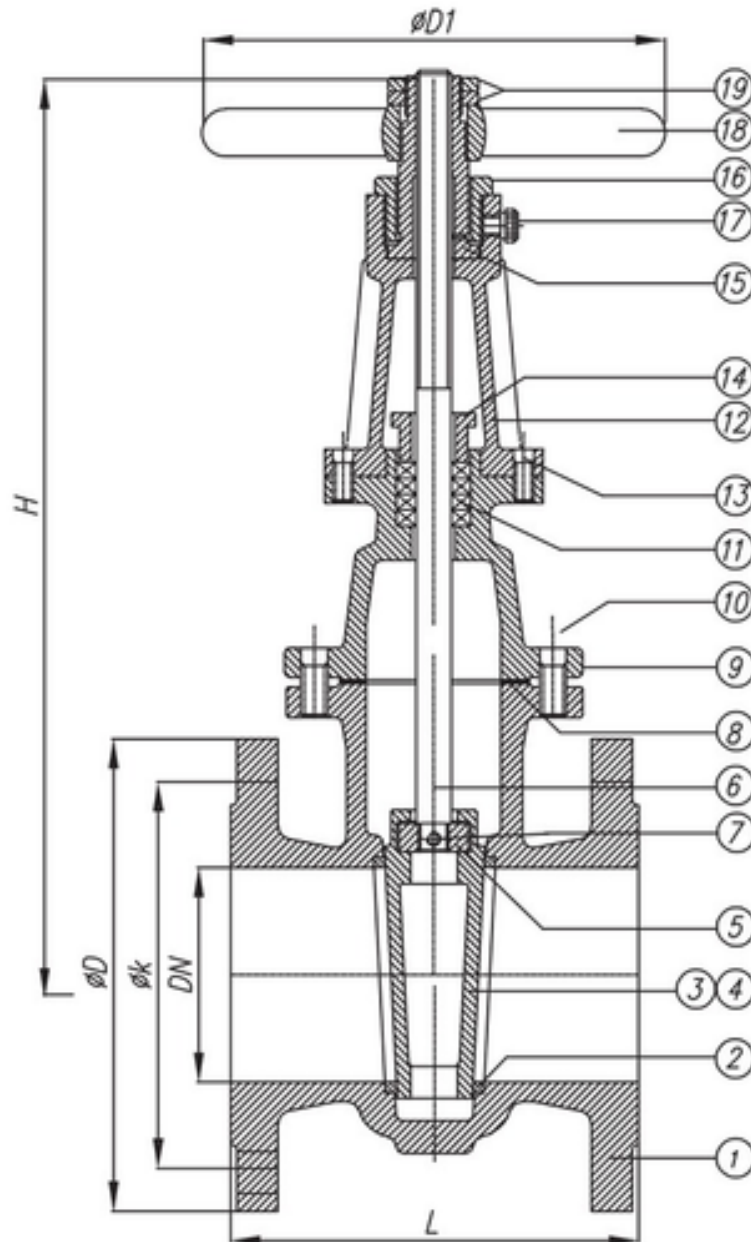
CLASS	TEMPERATURE	MAX PRESSURE
Cast Iron GG25 DN40-DN200	°C	10 bar
Ductile Iron GGG40 DN40-DN200	°C	16 bar
Cast Iron GG25 DN250-DN300	°C	6 bar
Ductile Iron GGG40 DN250-DN300	°C	10 bar
Cast Iron GG25 DN350-DN500	°C	4 bar
Ductile Iron GGG40 DN350-DN500	°C	6 bar
Cast Steel GSC25 DN350-DN500	°C	16 bar
Cast Iron GG25 DN600-DN700	°C	2.5 bar
Ductile Iron GGG40 DN600-DN700	°C	4 bar
Cast Iron GG25 DN800	°C	1.6 bar
Ductile Iron GGG40 DN800	°C	2.5 bar
Cast Iron GG25 DN900-DN1000	°C	1 bar
Ductile Iron GGG40 DN900-DN1000	°C	1.6 bar

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

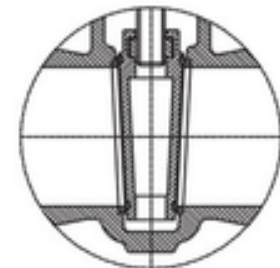
GATE VALVE

# Rising Stem Gate Valve

SECTION Technical drawing 1 REF EFC-47



DN40...100  
Wedge Type / Sürgü Tipi



DN125...600  
Wedge Type / Sürgü Tipi

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Rising Stem Gate Valve

SECTION Dimensions per size REF EFC-47

SIZE	L	H_MIN	H_MAX	D	K	D1	WEIGHT
DN40	140	350	410	150	110	—	11 kg
DN50	150	360	470	165	125	—	15 kg
DN65	170	470	560	185	145	—	19.5 kg
DN80	180	470	560	200	160	160	24 kg
DN100	190	580	690	220	180	200	30 kg
DN125	200	650	790	250	210	250	44 kg
DN150	210	725	895	285	240	250	59 kg
DN200	230	815	1030	340	295	315	106 kg
DN250	250	950	1220	395	350	—	158 kg
DN300	270	1080	1405	445	400	—	232 kg
DN350	290	1225	1595	505	460	400	200 kg
DN400	310	1390	1810	565	515	400	310 kg
DN500	350	1670	2195	670	620	500	450 kg
DN600	390	1920	2550	780	720	500	600 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Gate Valve With Stuffing Box & Indicator

REF **EFC-48** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN600</b>
Pressure	<b>Class 150</b>
End connection	<b>flanged (ASME B16.5 RF)</b>
Face-to-face	<b>ASME B16.10</b>

## ACTUATION

- manual handwheel — Galvanized steel handwheel

## STANDARDS

Design	<b>ASME B16.10</b>
Test	<b>API 598</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-48** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

**MATERIALS**

Body	<b>ASTM A125, A536, A216 WCB, B62, CuSn10, CF8, CF8M</b>	Body seat	<b>ASTM B62, 13 G, AISI 304, AISI 316, CuSn10</b>
Wedge	<b>ASTM A125, A536, A216 WCB, B62, CuSn10, CF8, CF8M</b>	Wedge ring	<b>ASTM B62, 13 G, AISI 304, AISI 316, CuSn10</b>
Wedge nut	<b>ASTM B62</b>	Stem	<b>CuZn45Ni, SS420, SS304, SS316</b>
Gasket	<b>Klingerite, Graphite</b>	Bonnet	<b>ASTM A125, A536, A216 WCB, B62, CuSn10, CF8, CF8M</b>
Bolt	<b>Steel, A2, A4</b>	Stuffing box	<b>ASTM A125, A536, A216 WCB, B62, CuSn10, CF8, CF8M</b>
Packing	<b>% 100 Graphite</b>	Gland	<b>A536, A216 WCB, B62, CuSn10, CF8, CF8M</b>
Stud nut	<b>Steel, A2, A4</b>	Indicator	<b>Bronze</b>
Indicator pin	<b>SS420</b>	Handwheel	<b>Galvanized Steel</b>

**FEATURES**

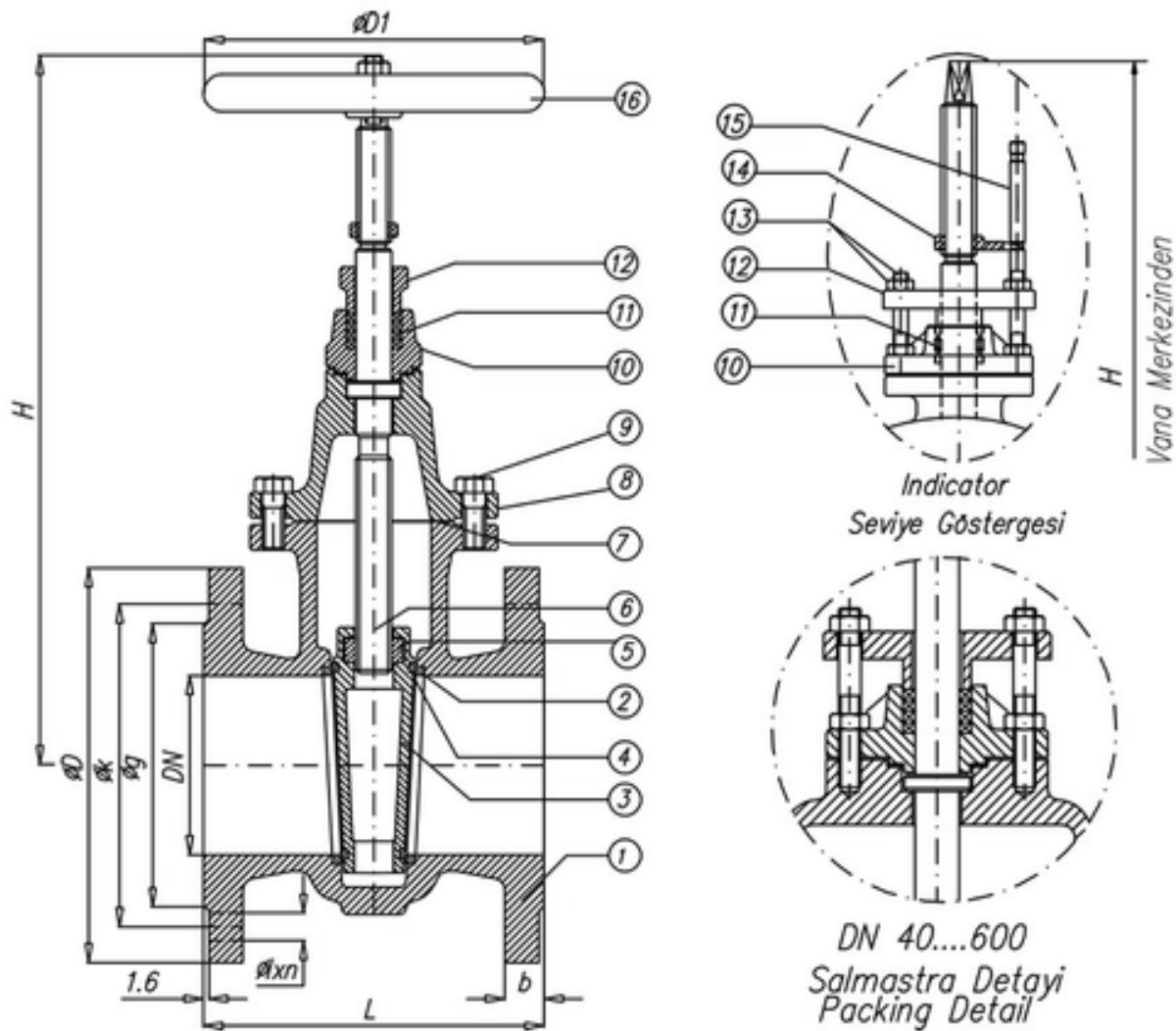
- Stuffing box packing arrangement for stem sealing
- Position indicator fitted as standard
- Rising stem design
- 100% graphite packing
- Multiple body and trim material combinations available

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Gate Valve With Stuffing Box & Indicator

SECTION Technical drawing 1 REF EFC-48



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

## Gate Valve With Stuffing Box & Indicator

SECTION Dimensions per size REF EFC-48

SIZE	L	H	D1	D	K	G	ØXN	WEIGHT
DN40	165	195	160	127	98.5	73	16x4	13 kg
DN50	178	235	160	152	121	92	16x4	15 kg
DN65	191	260	160	178	140	105	19x4	19 kg
DN80	203	280	160	191	152	127	19x4	22 kg
DN100	229	310	200	229	191	157	19x8	30 kg
DN125	254	400	200	254	216	186	19x8	45 kg
DN150	267	435	250	279	241	216	22x8	55 kg
DN200	292	560	250	343	298	270	22x8	95 kg
DN250	330	650	315	406	362	324	25x12	140 kg
DN300	356	780	315	483	432	381	25x12	200 kg
DN350	381	860	400	533	476	413	29x12	250 kg
DN400	406	930	400	597	540	470	29x16	250 kg
DN500	457	1120	500	699	635	584	32x20	560 kg
DN600	508	1320	500	813	749	692	35x20	700 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Gate Valve

REF **EFC-50** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN40 to DN150</b>
Pressure	<b>PN6</b>
End connection	<b>flanged (DIN EN 1092-2/B)</b>
Face-to-face	<b>EN 558 Serie 14, DIN 3202 F4</b>
Temperature	<b>-10°C to 120°C</b>

## ACTUATION

- manual handwheel — GG 20 cast iron handwheel

## STANDARDS

Design	<b>EN 1171, DIN 3352</b>
Test	<b>EN 12266</b>

## MATERIALS

Body	<b>GG 25, GGG-40, GGG40.3, GSC25, Bronze RG5, RG7, RG10, SS304, SS316</b>	Seat	<b>Ms 58, Bronze, SS304, SS316</b>
Wedge	<b>GG 25, GGG-40, GGG40.3, GSC25, Bronze RG5, RG7, RG10, SS304, SS316</b>	Wedge seat	<b>Ms 58, S.S, AISI 304-316</b>
Stem nut	<b>Ms 58, Bronze, GGG 40</b>	Stem	<b>SS420, Ms 58, Bronze, SS304, SS316</b>
Gasket	<b>EPDM, FRANZELØ, KLINGERØ, PTFE</b>	Bonnet	<b>GG 25, GGG-40</b>
Bolt	<b>5 D, S.S</b>	Packing nut	<b>Ms 58, Bronze, S.S</b>
O ring	<b>EPDM</b>	Handwheel	<b>GG 20</b>

## FEATURES

- Rising stem design with handwheel actuation
- Wedge-type gate with different wedge geometry for DN40-100 and DN125-150
- Flanged end connections per DIN EN 1092-2/B
- Multiple body and trim material options including cast iron, bronze, and stainless steel
- O-ring stem seal in EPDM

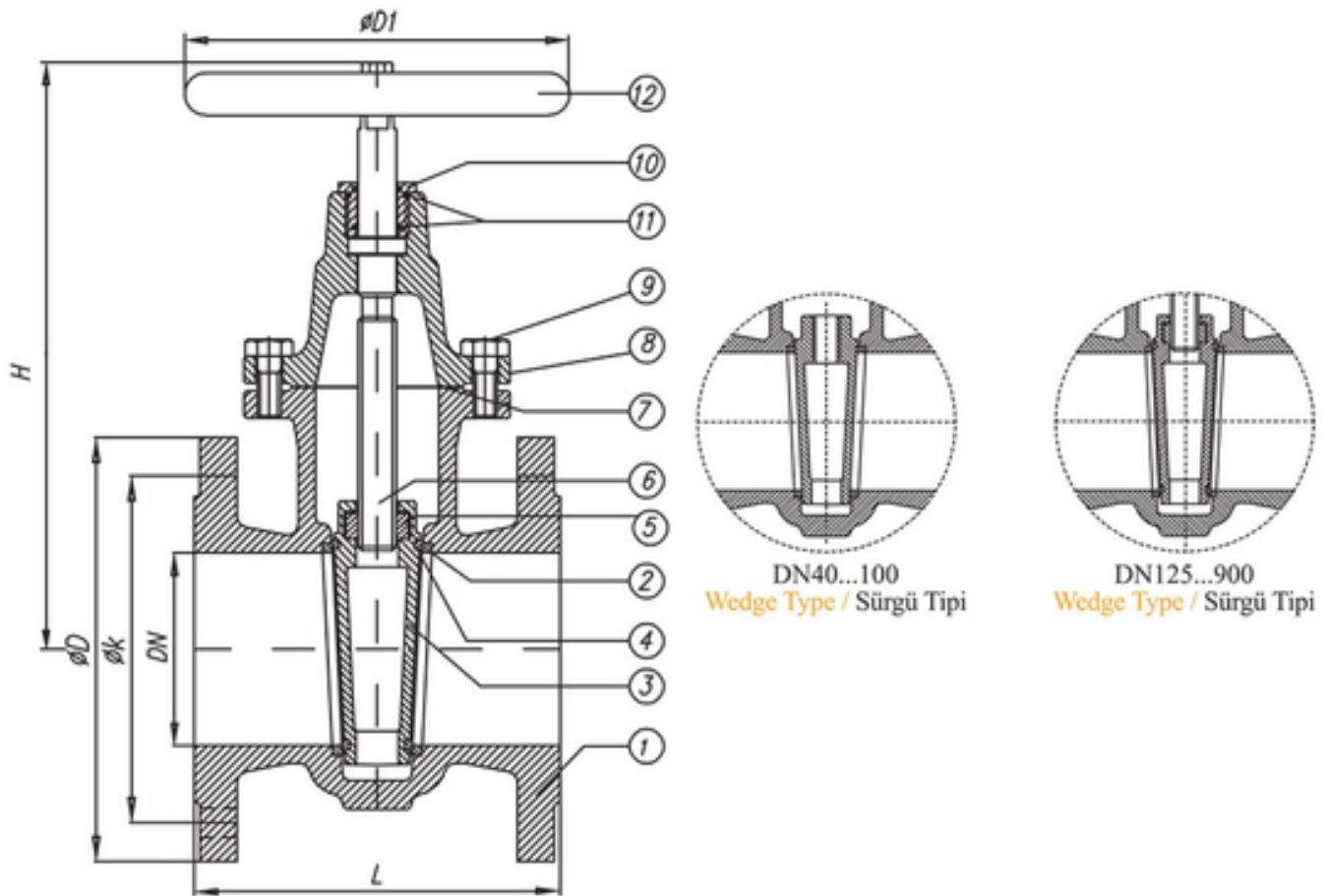
Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.



GATE VALVE

# Gate Valve

SECTION Technical drawing 1 REF EFC-50



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Gate Valve

SECTION Dimensions per size REF EFC-50

SIZE	L	H	D1	D	K	WEIGHT
DN40	140	157	160	130	100	7 kg
DN50	150	190	160	140	110	8 kg
DN65	170	210	160	160	130	11.5 kg
DN80	180	230	160	190	150	15 kg
DN100	190	260	160	210	170	20 kg
DN125	200	365	250	240	200	33 kg
DN150	210	375	250	265	225	39 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-50** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

GATE VALVE

# Gate Valve With Stuf. Box and Indicator

REF **EFC-54** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN40 to DN600</b>
Pressure	<b>PN16</b>
End connection	<b>flanged (DIN EN 1171)</b>
Face-to-face	<b>EN 558 Serie 14, DIN3202 F4</b>
Temperature	<b>-10°C to 120°C</b>

## ACTUATION

- manual handwheel — GG 25 handwheel
- electric actuator — optional — ISO top flange
- pneumatic actuator — optional — ISO top flange
- linear actuator — optional — ISO top flange
- multi-turn hydraulic actuator — optional — ISO top flange

## STANDARDS

Design	<b>EN 1171, DIN 3352</b>
Test	<b>EN 12266</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>GG 25, GGG-40, GGG40.3, GSC25, Bronze RG5, RG7, RG10, SS304, SS316</b>	Seat	<b>Bronze RG5, SS304, SS316</b>
Wedge	<b>GG 25, GGG-40, GGG40.3, GSC25, Bronze RG5, RG7, RG10, SS304, SS316</b>	Wedge seat	<b>Bronze RG5, SS304, SS316</b>
Stem nut	<b>Ms58, Bronze, SS</b>	Stem	<b>Ms5B, Sam59, CuZn35Ni, CuSn8, CuSn10, SS420, SS304, SS316</b>
Gasket	<b>EPDM, Klingerit, Graphite</b>	Bonnet	<b>GG 25, GGG-40, GGG40.3, GSC25, Bronze RG5, RG7, RG10, SS304, SS316</b>
Bolt	<b>8.8, A2, A4</b>	Stuffing box	<b>GG 25, GGG-40, GGG40.3, GSC25, Bronze RG5, RG7, RG10, SS304, SS316</b>
Packing	<b>Graphite, Teflon</b>	Gland	<b>GG 25, GGG-40, GGG40.3, GSC25, Bronze RG5, SS304, SS316</b>
Stud nut	<b>Steel, A2, A4</b>	Indicator	<b>CuSn5ZnPb5-C(Rg-5)</b>
Indicator pin	<b>Ms 58, SS420, SS304, SS316</b>	Handwheel	<b>GG 25</b>

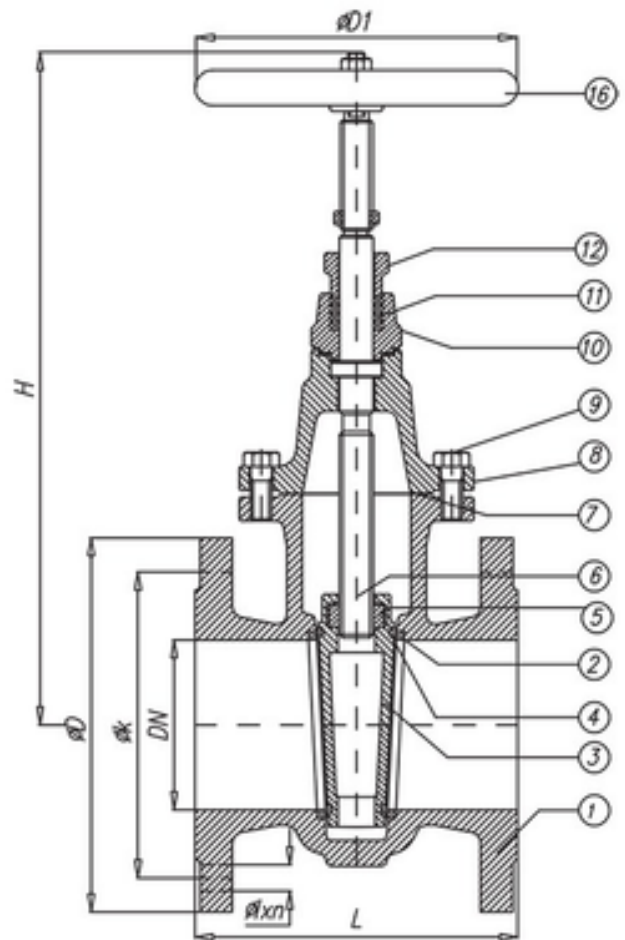
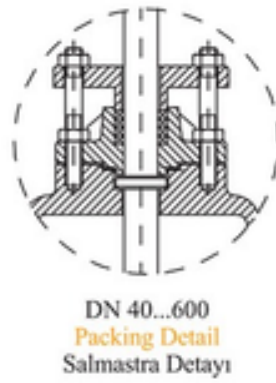
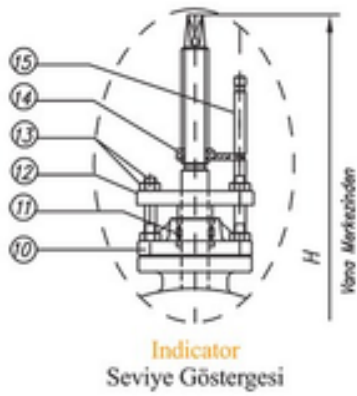
**FEATURES**

- Stuffing box design for stem sealing
- Integrated position indicator
- Double threaded stem option available
- Drain plug option available
- ISO top flange for actuator mounting
- Flange options: ANSI, JIS in addition to DIN EN 1171

GATE VALVE

# Gate Valve With Stuf. Box and Indicator

SECTION Technical drawing 1 REF EFC-54



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

## Gate Valve With Stuf. Box and Indicator

SECTION Dimensions per size REF EFC-54

SIZE	L	H	D1	PN10 D	PN10 K	PN10 BOLTS	PN16 D	PN16 K	PN16 BOLTS	WEIGHT
DN40	140	195	160	150	110	Ø18x4	150	110	Ø18x4	11 kg
DN50	150	235	160	165	125	Ø18x4	165	125	Ø18x4	13 kg
DN65	170	260	160	185	145	Ø18x8	185	145	Ø18x8	18 kg
DN80	180	280	200	200	160	Ø18x8	200	160	Ø18x8	21 kg
DN100	190	310	200	220	180	Ø18x8	220	180	Ø18x8	26 kg
DN125	200	435	200	250	210	Ø18x8	250	210	Ø18x8	41 kg
DN150	210	455	250	285	240	Ø22x8	285	240	Ø22x8	52 kg
DN200	230	580	250	340	295	Ø22x12	340	295	Ø22x12	81 kg
DN250	250	720	315	395	350	Ø22x16	400	355	Ø22x16	120 kg
DN300	270	815	315	445	400	Ø22x16	455	410	Ø22x16	165 kg
DN350	290	925	400	505	460	Ø26x16	520	470	Ø26x16	222 kg
DN400	310	1030	400	565	515	Ø26x20	580	525	Ø26x20	280 kg
DN500	350	1285	500	670	620	Ø26x20	715	650	Ø26x20	445 kg
DN600	390	1450	500	780	725	Ø30x20	840	770	Ø36x20	605 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

GATE VALVE

# Rising Stem Gate Valve

REF **EFC-55** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN600</b>
Pressure	<b>PN10</b>
End connection	<b>flanged (DIN EN 1092-2)</b>
Face-to-face	<b>EN 558 Serie 14, DIN3202 F4</b>
Temperature	<b>-10°C to 400°C</b>

## ACTUATION

- manual handwheel — GG 20 handwheel

## STANDARDS

Design	<b>EN 1171, DIN 3352</b>
Test	<b>EN 12266</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>GG 25, GGG-40, GGG40.3, GSC25, Bronze R65, R67, RG10, SS304, SS316</b>	Seat	<b>Ms 58, Bronze, S.S</b>
Wedge	<b>GG 25, GGG-40, GGG40.3, GSC25, Bronze R65, R67, RG10, SS304, SS316</b>	Wedge seat	<b>Ms 58, Bronze, S.S</b>
Stem nut	<b>Bronze, GGG 40</b>	Stem	<b>SS420, Ms 58, Som59, CuZn35Ni, CuSnB, CuSn10, SS304, SS316</b>
Pin	<b>Ms 58, Bronze, S.S</b>	Gasket	<b>Klingerite, EPDM, GRAPHITE</b>
Bonnet	<b>GG 25, GGG-40, GGG40.3, GSC25, Bronze R65, R67, RG10, SS304, SS316</b>	Bolt	<b>8.8, A2, A4</b>
Packing	<b>GRAPHITE, TEFLON</b>	Yoke	<b>GG 25, GGG-40, GGG40.3, GSC25, Bronze R65, R67, RG10, SS304, SS316</b>
Packing nut	<b>GG 25, GGG-40, GGG40.3, GSC25, Bronze R65, R67, RG10, SS304, SS316</b>	Yoke nut	<b>Ms 58, Bronze, GGG 40</b>
Centering nut	<b>Ms 58, Bronze, S.S</b>	Oil nipple	<b>St.</b>
Handwheel	<b>GG 20</b>	Handwheel nut	<b>Ms 58, Bronze, S.S</b>

**FEATURES**

- Rising stem design with outside screw
- Wedge type gate for DN40 - DN100
- Split wedge type gate for DN125 - DN600
- Stem nut located outside bonnet (sizes DN125 - DN600)
- Graphite or PTFE packing options
- Klingerite, EPDM, or graphite gasket options
- Multiple body material options: cast iron, ductile iron, cast steel, bronze, stainless steel

**PRESSURE-TEMPERATURE RATING**

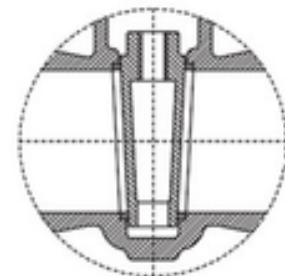
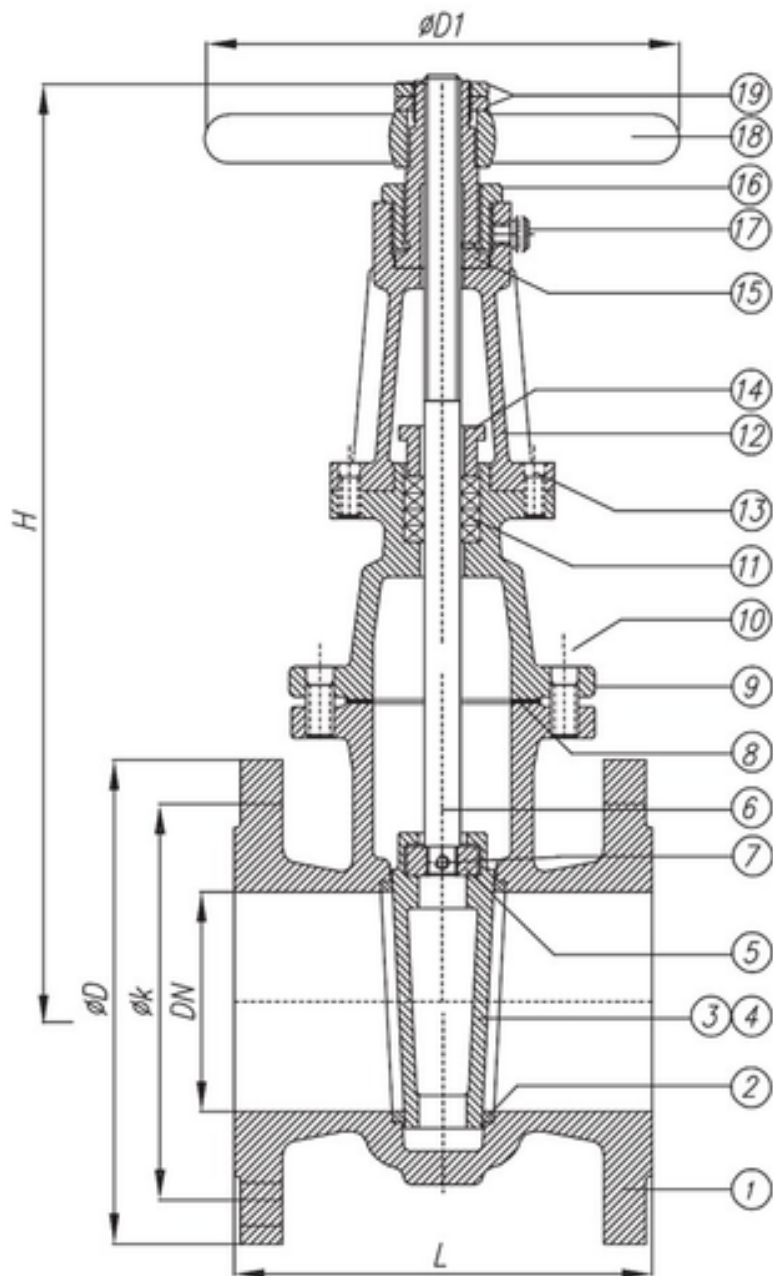
CLASS	TEMPERATURE	MAX PRESSURE
DN40-DN200, Cast Iron GG25	°C	10 bar
DN250-DN300, Cast Iron GG25	°C	6 bar
DN350-DN500, Cast Iron GG25	°C	4 bar
DN600-DN700, Cast Iron GG25	°C	2.5 bar
DN800, Cast Iron GG25	°C	1.6 bar
DN900-DN1000, Cast Iron GG25	°C	1 bar
DN40-DN300, Ductile Iron GGG40	°C	10 bar
DN350-DN500, Ductile Iron GGG40	°C	6 bar
DN600-DN700, Ductile Iron GGG40	°C	4 bar
DN800, Ductile Iron GGG40	°C	2.5 bar
DN900-DN1000, Ductile Iron GGG40	°C	1.6 bar
DN350-DN500, Cast Steel GSC25	°C	16 bar

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

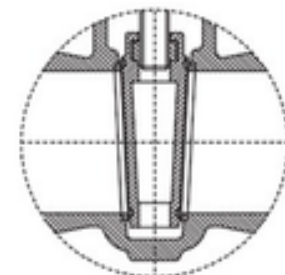
GATE VALVE

# Rising Stem Gate Valve

SECTION Technical drawing 1 REF EFC-55



DN40...100  
Wedge Type / Sürgü Tipi



DN125...600  
Wedge Type / Sürgü Tipi

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Rising Stem Gate Valve

SECTION Dimensions per size REF EFC-55

SIZE	L	H_MIN	H_MAX	D1	D	K	WEIGHT
DN40	140	350	410	160	150	110	11 kg
DN50	150	360	470	160	165	125	15 kg
DN65	170	470	560	160	185	145	19.5 kg
DN80	180	470	560	200	200	160	24 kg
DN100	190	580	690	200	220	180	30 kg
DN125	200	650	790	200	250	210	44 kg
DN150	210	725	895	250	285	240	59 kg
DN200	230	815	1030	250	340	295	106 kg
DN250	250	950	1220	315	395	350	158 kg
DN300	270	1080	1405	315	445	400	232 kg
DN350	290	1225	1595	400	505	460	200 kg
DN400	310	1390	1810	400	565	515	310 kg
DN500	350	1670	2195	500	670	620	450 kg
DN600	390	1920	2550	500	780	720	600 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Rising Stem Gate Valve

REF **EFC-56** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN1000</b>
Pressure	<b>PN40</b>
End connection	<b>flanged (DIN EN 1092-2/B)</b>
Face-to-face	<b>EN 558 Serie 15, DIN3202 F5</b>
Temperature	<b>-20°C to 400°C</b>

## ACTUATION

- manual handwheel — Cast iron GG 20 handwheel

## STANDARDS

Design	<b>EN 1171, DIN 3352</b>
Test	<b>EN 12266</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

Body	<b>GG 25, GGG-40, GG40.3, GSC25, Bronze RG5, RG7, RG10, SS304, SS316</b>	Seat	<b>Ms 58, Bronze, S.S</b>
Wedge	<b>GG 25, GGG-40, GG40.3, GSC25, Bronze RG5, RG7, RG10, SS304, SS316</b>	Wedge seat	<b>Ms 58, Bronze, S.S</b>
Stem nut	<b>Ms 58, Bronze, S.S</b>	Stem	<b>SS420, Ms58, Som59, CuZn35Ni, CuSn8, SS304, SS316</b>
Pin	<b>Ms 58, Bronze, S.S</b>	Gasket	<b>KLINGERITE, EPDM, GRAPHITE</b>
Bonnet	<b>GG 25, GGG-40, GG40.3, GSC25, Bronze RG5, RG7, RG10, SS304, SS316</b>	Bolt	<b>8.8, A2, A4</b>
Packing	<b>GRAPHITE, TEFLON</b>	Yoke	<b>GG 25, GGG-40, GG40.3, GSC25, Bronze RG5, RG7, RG10, SS304, SS316</b>
Packing nut	<b>GG 25, GGG-40, GGG40.3, GSC25, Bronze RG5, RG7, RG10, SS304, SS316</b>	Yoke nut	<b>Ms 58, Bronze, GGG 40</b>
Centering nut	<b>Ms 58, Bronze, S.S</b>	Oil nipple	<b>St.</b>
Handwheel	<b>GG 20</b>	Handwheel nut	<b>Ms 58, Bronze, S.S</b>

## FEATURES

- Rising stem design
- Cast steel body option (GSC25) rated to PN40 for DN40-DN600
- Cast iron body (GG25) rated to PN16 for DN40-DN600 and PN10 for DN700-DN1000
- Ductile iron body (GGG40) rated to PN25 for DN40-DN600 and PN16 for DN700-DN1000
- Multiple stem material options including stainless steel and brass alloys
- Packing options in graphite or PTFE
- Gasket options in compressed fibre (Klingerite), EPDM, or graphite
- Nominal pressure range PN10 to PN40

## PRESSURE-TEMPERATURE RATING

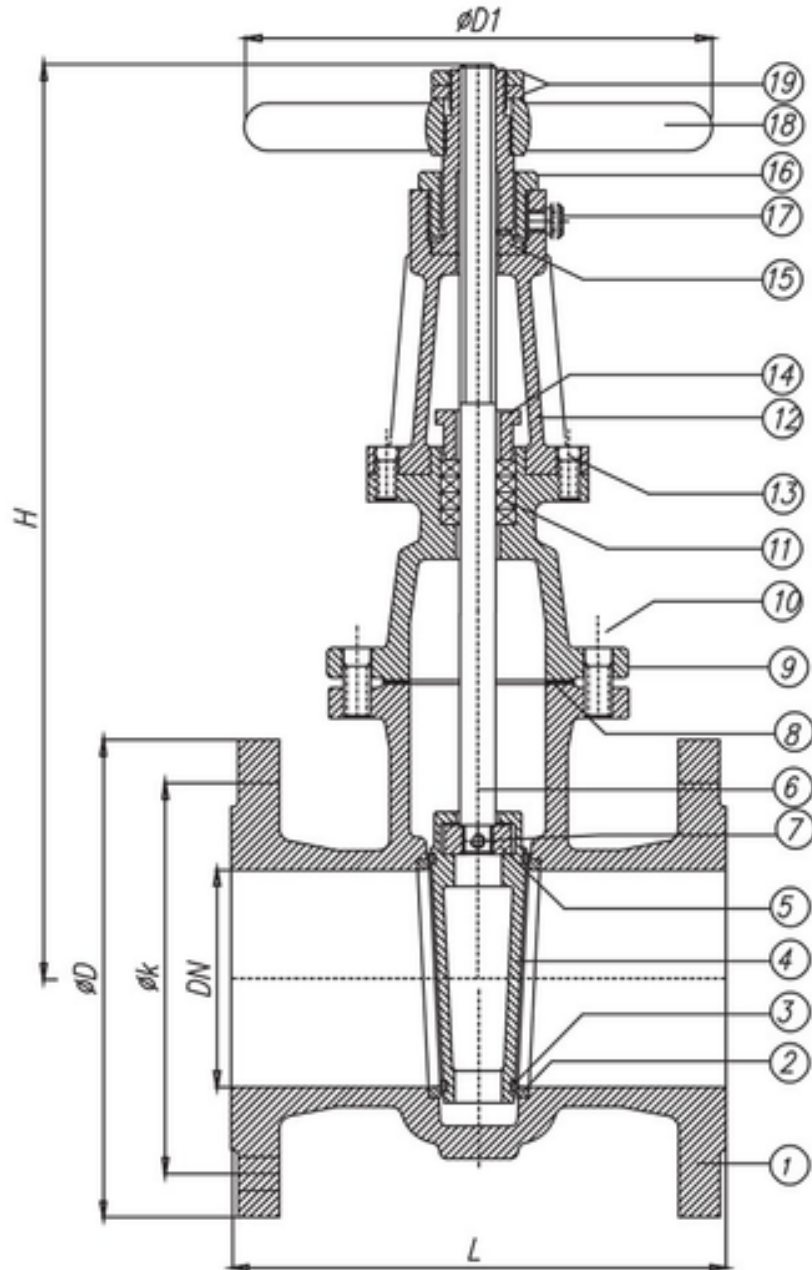
CLASS	TEMPERATURE	MAX PRESSURE
Cast Iron GG25: DN40-DN600 PN16, DN700-DN1000 PN10	°C	bar
Ductile Iron GGG40: DN40-DN600 PN25, DN700-DN1000 PN16	°C	bar

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Rising Stem Gate Valve

SECTION Technical drawing 1 REF EFC-56



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Rising Stem Gate Valve

SECTION Dimensions per size REF EFC-56

SIZE	L	H_MIN	H_MAX	D1	PN10 D	PN10 K	PN16 D	PN16 K	WEIGHT
DN40	240	365	425	200	150	110	150	110	19 kg
DN50	250	380	450	200	165	125	165	125	21.5 kg
DN65	270	450	540	200	185	145	185	145	30 kg
DN80	280	470	560	250	200	160	200	160	34.5 kg
DN100	300	580	690	250	220	180	220	180	46 kg
DN125	325	650	790	315	250	210	250	210	57 kg
DN150	350	725	895	315	285	240	285	240	71 kg
DN200	400	815	1030	315	340	295	340	295	148 kg
DN250	450	1135	1430	400	395	350	405	355	205 kg
DN300	500	1220	1545	400	445	400	460	410	285 kg
DN350	550	1320	1700	500	505	460	520	470	380 kg
DN400	600	1530	1970	500	565	515	580	525	535 kg
DN500	700	1915	2465	630	670	620	715	650	860 kg
DN600	800	2070	2720	800	780	725	840	770	1160 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Resilient Seat Gate Valve (O-Ring System)

REF **EFC-57** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN600</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>flanged (DIN EN 1092-2)</b>
Face-to-face	<b>EN 558 Serie 14, DIN 3202 F4</b>
Media	<b>water</b>

## ACTUATION

- manual handwheel — GG 20 handwheel

## STANDARDS

Design	<b>EN 1171</b>
Test	<b>EN 12266</b>

## MATERIALS

Body	<b>GGG-25, GGG 40</b>	Wedge	<b>GGG-40 + Rubber &amp; Nylon</b>
Stem nut	<b>Ms 58, Bronze</b>	Gasket	<b>EPDM, NBR</b>
Bonnet	<b>GGG-25, GGG 40</b>	O ring	<b>EPDM, NBR</b>
Bushing	<b>PTFE (Teflon)</b>	Gland	<b>GGG-25, GGG 40</b>
Cleand gasket	<b>EPDM, NBR</b>	Stem	<b>AISI 420, AISI 304, AISI 316</b>
Bolt	<b>8.8</b>	Handwheel	<b>GG 20</b>

## FEATURES

- O-ring stem sealing system
- Elastomer-encapsulated ductile iron wedge provides bi-directional shut-off
- Non-rising stem with PTFE stem bushing
- Flanged body ends to DIN EN 1092-2 Type B
- Available with EPDM or NBR elastomer components
- Stainless steel stem options: AISI 420, 304, or 316

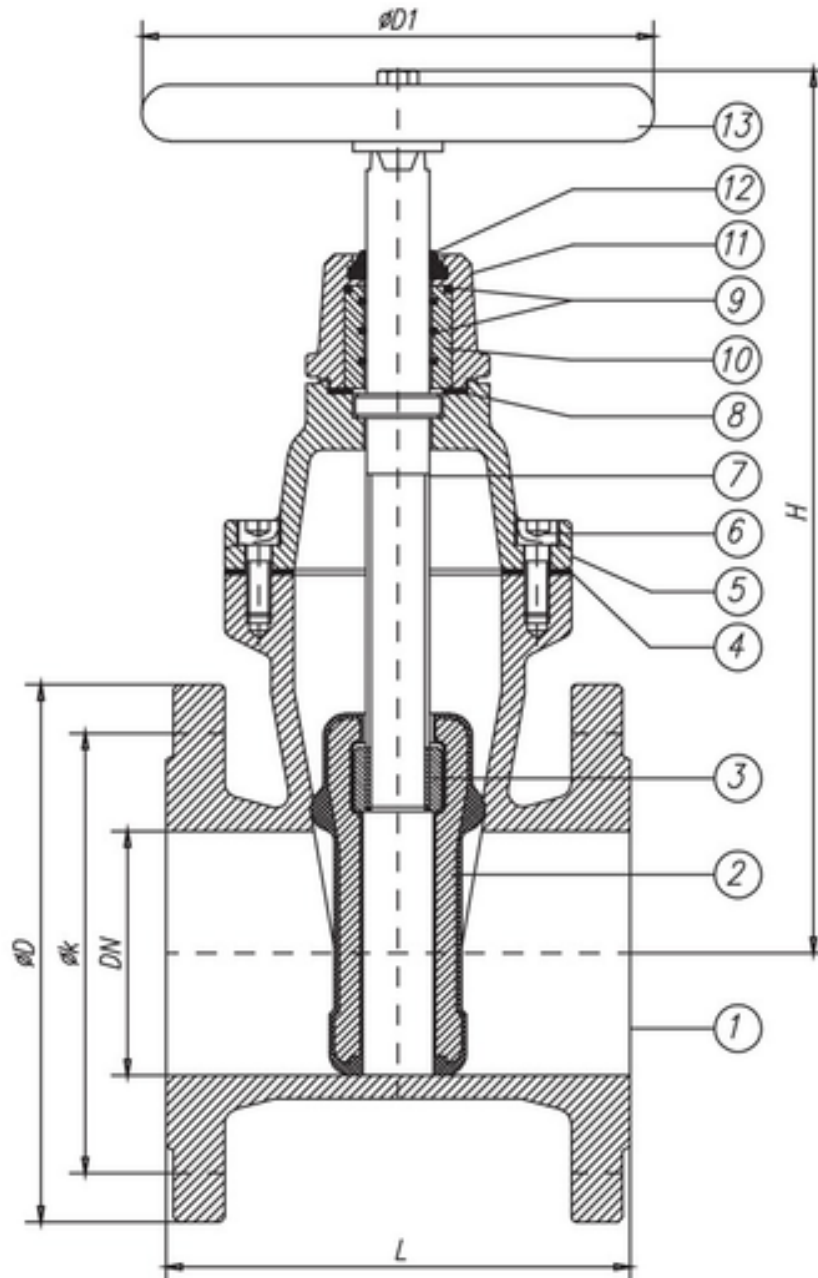


Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Resilient Seat Gate Valve (O-Ring System)

SECTION Technical drawing 1 REF EFC-57



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

## Resilient Seat Gate Valve (O-Ring System)

SECTION Dimensions per size REF EFC-57

SIZE	D	K	BOLTS	L	H	D1	KG	WEIGHT
DN40 (PN10)	150	110	4xØ18	140	230	160	—	9.3 kg
DN40 (PN16)	150	110	4xØ18	140	230	160	9.3 kg	9.3 kg
DN50 (PN10)	165	125	4xØ18	150	240	160	—	11.5 kg
DN50 (PN16)	165	125	4xØ18	150	240	160	11.5 kg	11.5 kg
DN65 (PN10)	185	145	4xØ18	170	285	160	—	16 kg
DN65 (PN16)	185	145	4xØ18	170	285	160	16 kg	16 kg
DN80 (PN10)	200	160	4xØ18	180	310	200	—	19.5 kg
DN80 (PN16)	200	160	4xØ18	180	310	200	19.5 kg	19.5 kg
DN100 (PN10)	220	180	8xØ18	190	345	200	—	27 kg
DN100 (PN16)	220	180	8xØ18	190	345	200	27 kg	27 kg
DN125 (PN10)	250	210	8xØ18	200	385	200	—	29 kg
DN125 (PN16)	250	210	8xØ18	200	385	200	37 kg	29 kg
DN150 (PN10)	285	240	8xØ18	210	460	250	—	46 kg
DN150 (PN16)	285	240	8xØ18	210	460	250	46 kg	46 kg
DN200 (PN10)	340	295	8xØ22	230	535	250	—	63 kg
DN200 (PN16)	340	295	8xØ22	230	535	250	63 kg	63 kg
DN250 (PN10)	395	350	12xØ22	250	635	315	—	90 kg
DN250 (PN16)	405	355	12xØ22	250	635	315	94 kg	90 kg
DN300 (PN10)	445	400	12xØ22	270	710	315	—	125 kg
DN300 (PN16)	460	410	12xØ26	270	710	315	130 kg	125 kg
DN350 (PN10)	505	460	16xØ22	290	840	400	—	210 kg
DN350 (PN16)	520	470	16xØ26	290	840	400	220 kg	210 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Resilient Seat Gate Valve (O-Ring System)

Dimensions per size (continued) · EFC-57

SIZE	D	K	BOLTS	L	H	D1	KG	WEIGHT
<b>DN400 (PN10)</b>	565	515	16xØ26	310	920	400	—	270 kg
<b>DN400 (PN16)</b>	580	525	16xØ30	310	920	400	280 kg	270 kg
<b>DN500 (PN10)</b>	670	620	20xØ26	350	990	500	—	435 kg
<b>DN500 (PN16)</b>	715	650	20xØ33	350	990	500	450 kg	435 kg
<b>DN600 (PN10)</b>	780	725	20xØ30	390	1125	500	—	655 kg
<b>DN600 (PN16)</b>	840	770	20xØ36	390	1125	500	670 kg	655 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

GATE VALVE

# Resilient Seat Gate Valve

REF **EFC-58** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN300</b>
Pressure	<b>PN10 to PN25</b>
End connection	<b>flanged (DIN EN 1092-2/B)</b>
Face-to-face	<b>EN 558 Serie 15, DIN 3202 F5</b>
Temperature	<b>-20°C to 120°C</b>

## STANDARDS

Design	<b>EN 1171, DIN 3352</b>
Test	<b>EN 12266</b>



## MATERIALS

Body	<b>GGG-40</b>	Wedge	<b>GGG-40 + EPDM, GGG-40 + NBR</b>
Stem nut	<b>Ms 58, Bronze</b>	Gasket	<b>EPDM, NBR</b>
Bonnet	<b>GGG-40</b>	Bolt	<b>8.8</b>
Stem	<b>AISI 420</b>	Gasket 8	<b>EPDM, NBR</b>
O ring	<b>EPDM, NBR</b>	Yoke nut	<b>PTFE (Teflon)</b>
Gland	<b>GGG-40</b>	Cleand gasket	<b>EPDM, NBR</b>
Handwheel	<b>GG 20</b>		

## FEATURES

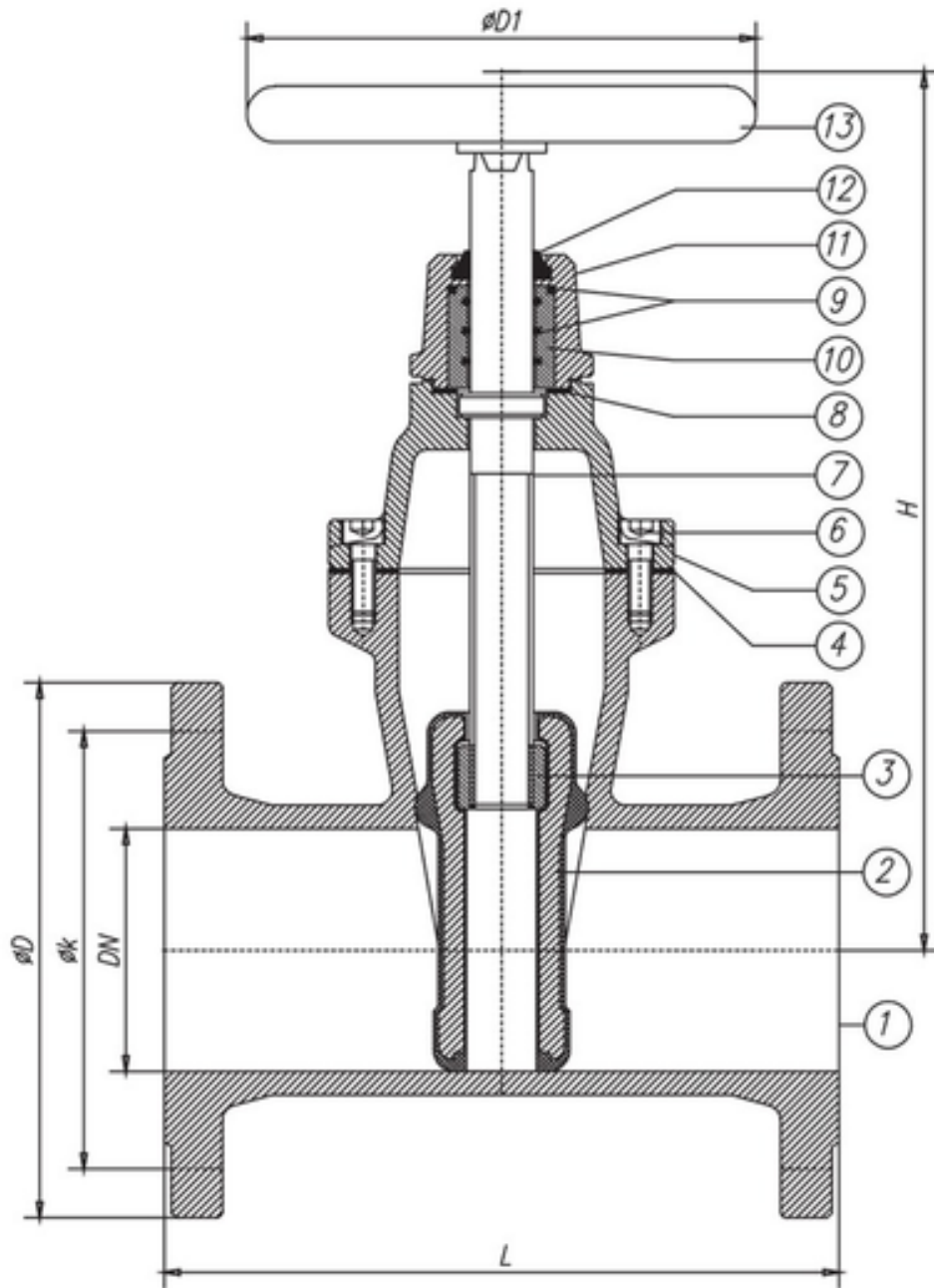
- Elastomer-encapsulated wedge in EPDM or NBR
- Non-rising stem design with AISI 420 stainless steel stem
- PTFE stem nut for reduced operating torque
- Ductile iron body and bonnet (GGG-40)
- Available in PN10, PN16, and PN25 pressure ratings
- Flanged ends to DIN EN 1092-2/B

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Resilient Seat Gate Valve

SECTION Technical drawing 1 REF EFC-58



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Resilient Seat Gate Valve

SECTION Dimensions per size REF EFC-58

SIZE	L	H	D1	PN16 D	PN16 K	PN25 D	PN25 K	PN25 KG	WEIGHT
DN40	240	230	200	150	110	150	110	10.2 kg	9.3 kg
DN50	250	240	200	165	125	165	125	12.5 kg	11.5 kg
DN65	270	285	200	185	145	185	145	17 kg	16 kg
DN80	280	310	250	200	160	200	160	21.5 kg	19.5 kg
DN100	300	345	250	220	180	235	190	30 kg	27 kg
DN125	325	385	315	250	210	270	220	39 kg	29 kg
DN150	350	460	315	285	240	300	250	50 kg	46 kg
DN200	400	535	400	340	295	360	310	81 kg	63 kg
DN250	450	635	400	405	355	425	370	107 kg	94 kg
DN300	500	710	500	455	410	485	430	154 kg	130 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Gate Valve PN100

REF **EFC-60** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN300</b>
Pressure	<b>PN100</b>
End connection	<b>flanged (DIN EN 1092-1)</b>
Face-to-face	<b>EN 558 Series 26, DIN 3202 F7</b>
Temperature	<b>-20°C to 400°C</b>

## ACTUATION

- manual handwheel — Ductile iron / bronze handwheel nut

## STANDARDS

Design	<b>EN 1171, DIN 3352</b>
Test	<b>DIN EN 12266</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>GS-C25, GP240GH, 1.0619, A216 WCB, A217 WC6, WC9, SS304, SS316</b>	Seat	<b>13Cr, Stellite 6, Stellite 12, SS304, SS316</b>
Wedge	<b>GS-C25, GP240GH, 1.0619, A216 WCB, A217 WC6, WC9, SS304, SS316</b>	Stem	<b>AISI420, X20Cr13, A182 F6, SS304, SS316</b>
Gasket	<b>Graphite, SS304</b>	Bonnet	<b>GS-C25, GP240GH, 1.0619, A216 WCB, A217 WC6, WC9, SS304, SS316</b>
Back seat	<b>13Cr, X20Cr13, A182 F6, SS304, SS316</b>	Packing	<b>Graphite, PTFE</b>
Packing nut	<b>GS-C25, GP240GH, 1.0619, A216 WCB, A217 WC6, WC9, SS304, SS316</b>	Gland flange	<b>GS-C25, GP240GH, 1.0619, A216 WCB, A217 WC6, WC9, SS304, SS316</b>
Eye bolt	<b>Cr Mo Alloy Steel A193 Gr. B7</b>	Nut	<b>Carbon Steel A194 Gr. 2H</b>
Yoke nut	<b>Bronze</b>	Centering nut	<b>Bronze</b>
Handwheel	<b>Sfero Döküm, Ductile Iron</b>	Handwheel nut	<b>SS420, Bronze</b>

**PRESSURE-TEMPERATURE RATING**

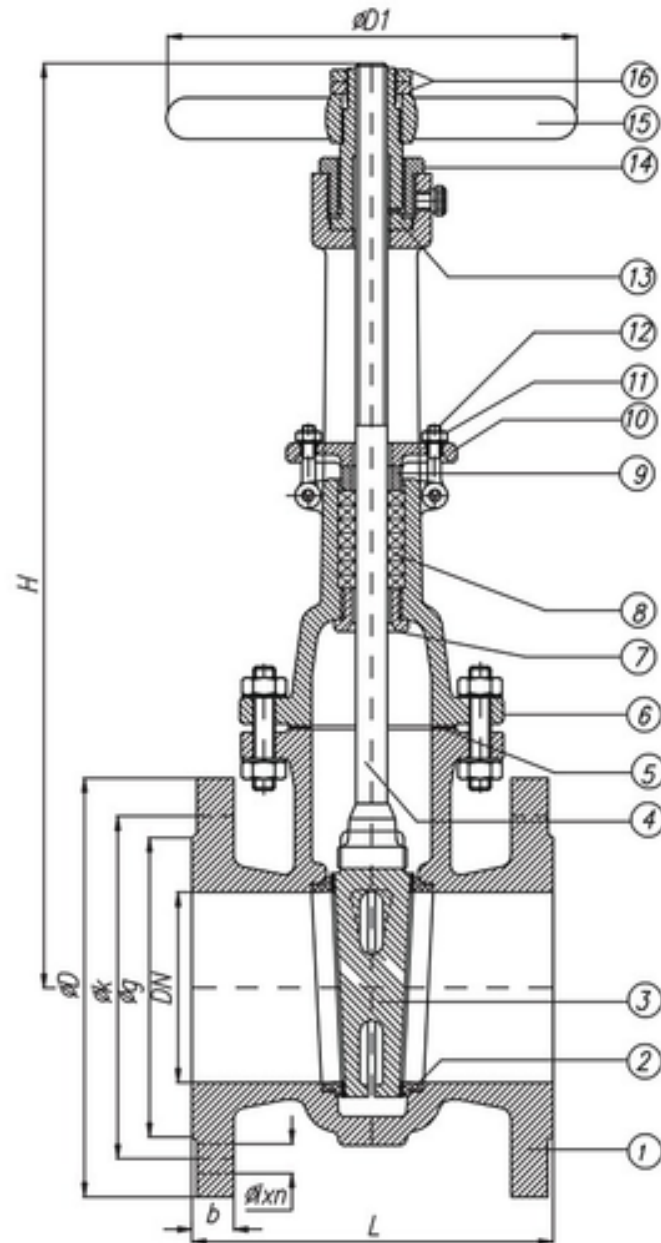
CLASS	TEMPERATURE	MAX PRESSURE
G-SC 25 (GP 240GH+N)	-20°C	100 bar
G-SC 25 (GP 240GH+N)	120°C	100 bar
G-SC 25 (GP 240GH+N)	200°C	90 bar
G-SC 25 (GP 240GH+N)	250°C	80 bar
G-SC 25 (GP 240GH+N)	300°C	70 bar
G-SC 25 (GP 240GH+N)	350°C	60 bar
G-SC 25 (GP 240GH+N)	400°C	56 bar
ASTM A Gr. A216 WCB	-20°C	100 bar
ASTM A Gr. A216 WCB	120°C	100 bar
ASTM A Gr. A216 WCB	200°C	80 bar
ASTM A Gr. A216 WCB	250°C	70 bar
ASTM A Gr. A216 WCB	300°C	60 bar
ASTM A Gr. A216 WCB	350°C	56 bar
ASTM A Gr. A216 WCB	400°C	50 bar

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Gate Valve PN100

SECTION Technical drawing 1 REF EFC-60



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Gate Valve PN100

SECTION Dimensions per size REF EFC-60

SIZE	L	H	OM	OD	OK	OG	B	WEIGHT
DN50	250	490	250	195	145	102	30	25 kg
DN65	290	540	250	220	170	122	34	32 kg
DN80	310	575	310	230	180	138	36	36 kg
DN100	350	675	415	265	210	162	40	55 kg
DN125	400	745	500	315	250	188	40	88 kg
DN150	450	800	500	355	290	218	44	110 kg
DN200	550	890	600	430	360	285	52	155 kg
DN250	650	1050	720	515	430	345	60	310 kg
DN300	750	1200	720	585	500	410	68	355 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Cast Iron Rising Stem Gate Valve with Signal Head

REF **EFC-253** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1200</b>
Pressure	<b>PN10 to PN16</b>
Temperature	<b>-10°C to 120°C</b>
Media	<b>chemicals, air, water, steam, oil, acids, salts</b>

## ACTUATION

- manual handwheel
- actuator

## STANDARDS

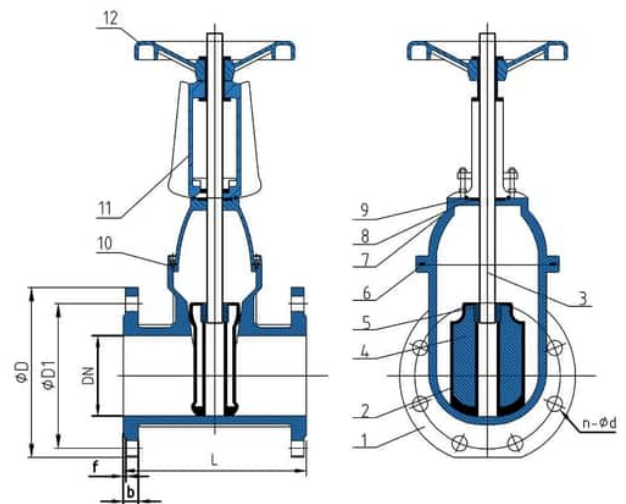
Design	<b>EN 1074</b>
--------	----------------

## COATINGS & LINING

- corrosion-resistant coating

## APPLICATIONS

- fire protection systems
- water supply networks
- industrial pipelines requiring shut-off and system monitoring
- underground installations
- outdoor installations
- automated water control



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>Ductile Iron, Cast Iron, Stainless Steel</b>	Seat	<b>EPDM, NBR, Viton, Neoprene, HYPALON, Silicon</b>
Shaft	<b>SS420, Stainless Steel 416, 316, 304</b>	Disc	<b>Ductile Iron, Ductile Iron+Ni, CF8, CF8M, Bronze</b>
Wedge nut	<b>Brass</b>	Bonnet gasket	<b>EPDM</b>
Bonnet	<b>Ductile Iron</b>	Packing	<b>Flexible Graphite</b>
Sealing ring	<b>EPDM</b>	Socket head screw	<b>SS</b>
Yoke	<b>Ductile Iron</b>	Hand wheel	<b>Ductile Iron</b>
Pin	<b>Cast Iron, Stainless Steel</b>	Bushing	<b>PTFE, Bronze</b>
O ring	<b>NBR, EPDM</b>	Stem	<b>SS416, SS316, SS304</b>

**FEATURES**

- Rising stem design provides visual open/closed position indication
- Integrated signal head enables remote monitoring via electrical control systems
- Resilient seated EPDM wedge for bubble-tight sealing
- Corrosion-resistant coating for harsh environments
- Outside screw and yoke (OS&Y) rising stem design
- Resilient-seated gate valve with rubber-encapsulated wedge gate
- Flanged end connections
- Position indicator on stem
- Handwheel operated
- Suitable for fire protection service (red epoxy coating)

**OPTIONS & NOTES**

- Available in various pressure ratings and sizes
- Our products hold up to 10 international authoritative certification certificates

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Resilient Seated Gate Valve with Bypass

REF **EFC-301** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1200</b>
Pressure	<b>PN10 to PN16</b>
Temperature	<b>-10°C to 150°C</b>
Media	<b>Fresh water, Sewage, Sea water, Air, Vapour, Food, Medicine, Oils, Acids, Alkalis, Chemicals, Steam, Salts</b>

## ACTUATION

- manual handwheel
- worm gear
- pneumatic
- electric

## STANDARDS

Design	<b>EN1074, ISO</b>
--------	--------------------

## COATINGS & LINING

- Epoxy (corrosion-resistant)

## APPLICATIONS

- Municipal water mains
- Pump stations
- Water supply systems
- Gas distribution systems
- Industrial applications



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>Cast Iron, Ductile Iron</b>	Body seat ring	<b>Brass</b>
Wedge	<b>Ductile Iron</b>	Wedge seat ring	<b>Brass</b>
Stem nut	<b>Brass</b>	Stem	<b>Stainless Steel</b>
Bonnet bolt	<b>Carbon Steel</b>	Nut	<b>Carbon Steel</b>
Washer	<b>Carbon Steel</b>	Gasket	<b>NBR</b>
Bonnet	<b>Cast Iron, Ductile Iron</b>	O ring	<b>NBR</b>
Locating ring	<b>Brass</b>	Bonnet nut	<b>Brass</b>
Mini pad	<b>PTFE</b>	Dust ring	<b>NBR</b>
Wheel	<b>Ductile Iron</b>	Bolt	<b>Carbon Steel</b>
Disc	<b>Ductile Iron</b>	Seat	<b>Brass</b>

**FEATURES**

- Bypass pipe and valves to equalise pressure before main valve opens
- Reduces water hammer during opening sequence
- Non-rising stem design
- Fully encapsulated resilient seated wedge
- Tight shut-off maintained after repeated cycles
- Epoxy coating on ductile iron body for corrosion resistance
- Flanged end connections
- Yellow epoxy coated body - indicative of gas service
- Handwheel operated
- Rising stem with stem protection tubes and bypass needle valves on both sides
- Soft-seated resilient gate (parallel slide / soft-seat gate valve configuration)
- Small-bore bypass/equalising valves with lever handles fitted to stem guard tubes

**OPTIONS & NOTES**

- Nominal diameter for PN16 limited to 50–600 mm; PN10 covers 50–1200 mm

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## GATE VALVE

# Gate Valve PN64

REF **EFC-412** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN600</b>
Pressure	<b>PN64</b>
End connection	<b>flanged (DIN EN 1092-2/B)</b>
Face-to-face	<b>EN 558 Serie 26 DIN3202 F7</b>
Temperature	<b>-20°C to 400°C</b>

## STANDARDS

Design	<b>EN 1171, DIN 3352</b>
Test	<b>DIN EN 12266</b>

## MATERIALS

Body	<b>GS-C25 (GP240GH / 1.0619 / A216 WCB), A217 WC6, A217 WC9, SS304, SS316</b>	Seats	<b>13Cr, Stellite 6, Stellite 12, SS304, SS316</b>
Wedge	<b>GS-C25 (GP240GH / 1.0619 / A216 WCB), A217 WC6, A217 WC9, SS304, SS316</b>	Stem	<b>AISI 420 (X20Cr13 / A182 F6), SS304, SS316</b>
Gasket	<b>Graphite, Graphite + SS304</b>	Bonnet	<b>GS-C25 (GP240GH / 1.0619 / A216 WCB), A217 WC6, A217 WC9, SS304, SS316</b>
Back seat	<b>13Cr (X20Cr13 / A182 F6), SS304, SS316</b>	Packing	<b>Graphite, PTFE</b>
Packing nut	<b>GS-C25 (GP240GH / 1.0619 / A216 WCB), A217 WC6, A217 WC9, SS304, SS316</b>	Gland flange	<b>GS-C25 (GP240GH / 1.0619 / A216 WCB), A217 WC6, A217 WC9, SS304, SS316</b>
Eye bolt	<b>A193 Gr. B7</b>	Nut	<b>A194 Gr. 2H</b>
Yoke nut	<b>Bronze</b>	Centering nut	<b>Bronze</b>
Handwheel	<b>Ductile Iron</b>	Handwheel nut	<b>SS420, Bronze</b>

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Gate Valve PN64

SECTION Dimensions per size REF EFC-412

SIZE	L	H	ØM PN64	ØD PN64	ØK PN64	ØG PN64	B PN64	PN64 Ø1XN	WEIGHT
DN50	250	390	200	180	135	102	26	Ø22x4	20 kg
DN65	290	445	200	205	160	122	26	Ø22x8	25 kg
DN80	310	505	250	215	170	138	28	Ø22x8	30 kg
DN100	350	595	250	250	200	162	30	Ø26x8	48 kg
DN125	400	620	250	295	240	188	34	Ø30x8	62 kg
DN150	450	780	355	345	280	218	36	Ø33x8	84 kg
DN200	550	1095	450	415	345	285	42	Ø36x12	120 kg
DN250	650	1290	500	470	400	345	46	Ø36x12	225 kg
DN300	750	1450	600	530	460	410	52	Ø36x16	280 kg
DN350	850	1550	600	600	525	465	56	Ø39x16	350 kg
DN400	950	1720	660	670	585	435	60	Ø42x16	490 kg
DN500	1150	2080	720	800	705	615	68	Ø48x20	725 kg
DN600	1350	2520	—	930	820	735	76	Ø56x20	1350 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# DIN Cast Steel Gate Valve

REF **EFC-434** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN1200</b>
Pressure	<b>PN10 to PN160</b>
End connection	<b>flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (DIN 2542) / flanged (DIN 2543) / flanged (DIN 2544) / flanged (DIN 2545) / flanged (DIN 2546) / flanged (DIN 2547) / flanged (DIN 2548)</b>
Face-to-face	<b>DIN 3202-F4, DIN 3202-F5, DIN 3202-F7</b>

## ACTUATION

- handwheel — QT400-18 ductile iron handwheel

## STANDARDS

Design	<b>DIN 3352</b>
Test	<b>DIN 3230, API 598</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>GS-C25, 1.0619, 1.4408, 1.4308, 1.4501, WCB, WC6, CF8, CF8M, CF3, CF3M</b>	Wedge	<b>GS-C25+13CR, GS-C25+STL, 1.4308, 1.4408</b>
Stem	<b>F6A/420, F304, F316</b>	Bolt	<b>B7, B8</b>
Nut	<b>2H, 8</b>	Gasket	<b>GRAPHITE+SS304, GRAPHITE+SS316</b>
Bonnet	<b>GS-C25, 1.4308, 1.4408</b>	Packing	<b>GRAPHITE, PTFE</b>
Gland	<b>F6A, F304, F316</b>	Gland flange	<b>GS-C25, 1.4308, 1.4408</b>
Eye bolt	<b>B7, B8</b>	Stem nut	<b>COPPER ALLOY, D2</b>
Hand wheel	<b>QT400-18</b>		

**FEATURES**

- Wedge gate design
- Rising stem configuration
- Multiple trim material options including carbon steel and stainless steel
- Graphite or PTFE packing options for stainless steel variants
- Graphite spiral wound gasket with stainless steel winding

GATE VALVE

# DIN Cast Steel Gate Valve

SECTION Dimensions per size REF EFC-434

SIZE	D	D1	D2	B	F	N-ØD	L	H	W
DN50 (PN16)	165	125	102	20	3	4	250	490	250
DN50 (PN25)	165	125	102	20	3	4	250	490	250
DN50 (PN40)	165	125	102	20	3	4	250	490	250
DN50 (PN63)	180	135	102	26	3	4	250	490	250
DN50 (PN100)	195	145	102	30	3	8	250	490	250
DN65 (PN16)	185	145	122	18	3	4	290	540	250
DN65 (PN25)	185	145	122	22	3	8	290	540	250
DN65 (PN40)	185	145	122	22	3	8	290	540	250
DN65 (PN63)	205	160	122	26	3	8	290	540	250
DN65 (PN100)	220	170	122	34	3	8	290	540	250
DN80 (PN16)	200	160	138	20	3	8	310	573	280
DN80 (PN25)	200	160	138	24	3	8	310	573	280
DN80 (PN40)	200	160	138	24	3	8	310	573	280
DN80 (PN63)	215	170	138	28	3	8	310	573	280
DN80 (PN100)	230	180	138	36	3	8	310	573	280
DN100 (PN16)	220	180	158	20	3	8	350	675	300
DN100 (PN25)	235	190	162	24	3	8	350	675	300
DN100 (PN40)	235	190	162	24	3	8	350	675	300
DN100 (PN63)	250	200	162	30	3	8	350	675	300
DN100 (PN100)	265	210	162	40	3	8	350	675	300
DN125 (PN16)	250	210	188	22	3	8	400	744	350
DN125 (PN25)	270	220	188	24	3	8	400	744	350
DN125 (PN40)	270	220	188	24	3	8	400	744	350
DN125 (PN63)	295	240	188	34	3	8	400	744	350
DN125 (PN100)	315	250	188	40	3	8	400	744	350
DN150 (PN16)	285	240	212	22	3	8	450	800	450
DN150 (PN25)	300	250	218	28	3	8	450	800	450

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## DIN Cast Steel Gate Valve

Dimensions per size (continued) · EFC-434

SIZE	D	D1	D2	B	F	N-ØD	L	H	W
DN150 (PN40)	300	250	218	28	3	8	450	800	450
DN150 (PN63)	345	280	218	36	3	8	450	800	450
DN150 (PN100)	355	290	218	44	3	12	450	800	450
DN200 (PN16)	340	295	268	24	3	12	550	900	500
DN200 (PN25)	360	310	278	30	3	12	550	900	500
DN200 (PN40)	375	320	285	30	3	12	550	900	500
DN200 (PN63)	415	345	285	42	3	12	550	900	500
DN200 (PN100)	430	360	285	52	3	12	550	900	500
DN250 (PN16)	405	355	320	26	3	12	650	1050	650
DN250 (PN25)	425	370	335	32	3	12	650	1050	650
DN250 (PN40)	450	385	345	32	3	12	650	1050	650
DN250 (PN63)	470	400	345	46	3	12	650	1050	650
DN250 (PN100)	505	430	345	60	3	12	650	1050	650
DN300 (PN16)	460	410	378	28	4	12	750	1208	700
DN300 (PN25)	485	430	395	34	4	16	750	1208	700
DN300 (PN40)	515	450	410	34	4	16	750	1208	700
DN300 (PN63)	530	460	410	52	4	16	750	1208	700
DN300 (PN100)	585	500	410	68	4	16	750	1208	700
DN350 (PN16)	520	470	438	30	4	16	850	1312	600
DN350 (PN25)	555	490	450	36	4	16	850	1312	600
DN350 (PN40)	580	510	465	38	4	16	850	1312	600
DN350 (PN63)	600	525	465	56	4	16	850	1312	600
DN400 (PN16)	580	525	490	32	4	16	950	1458	600
DN400 (PN25)	620	550	505	40	4	16	950	1458	600
DN400 (PN40)	660	585	535	50	4	16	950	1458	600
DN400 (PN63)	670	585	535	60	4	16	950	1458	600
DN500 (PN16)	715	650	610	36	4	20	1150	1658	650
DN500 (PN25)	730	660	615	40	4	20	1150	1658	650
DN500 (PN40)	755	670	615	52	4	20	1150	1658	650

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# Non-rising Stem Gate Valve (DIN Short Style)

REF **EFC-435** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN400</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (DIN 2543)</b>
Face-to-face	<b>DIN 3202-F4</b>

## ACTUATION

- handwheel — Ductile iron handwheel

## STANDARDS

Design	<b>DIN 3352</b>
Test	<b>DIN 3230, API 598</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-435** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

**MATERIALS**

Body	<b>GS-C25, 1.4308, 1.4408, WCB, LCB, WC6, CF8, CF8M, CF3, CF3M, CF8C, 1.0619, 1.4803</b>	Wedge	<b>GS-C25 + 13Cr, GS-C25 + STL, 1.4308, 1.4408</b>
Stem	<b>A182 F6a / 420, A182 F304, A182 F316</b>	Stem nut	<b>Bronze</b>
Gasket	<b>Graphite + SS304, Graphite + SS316</b>	Bonnet bolt	<b>A193 B7, A193 B8</b>
Bonnet nut	<b>A194 2H, A194 8</b>	Bonnet	<b>GS-C25, 1.4308, 1.4408</b>
Yoke bolt	<b>A193 B7, A193 B8</b>	Yoke nut	<b>A194 2H, A194 8</b>
Yoke	<b>GS-C25, 1.4308, 1.4408</b>	Stem packing	<b>Graphite, PTFE</b>
Gland	<b>A182 F6a, A182 F304, A182 F316</b>	Gland eyebolt	<b>A193 B7, A193 B8</b>
Gland nut	<b>A194 2H, A194 8</b>	Pin	<b>1025, SS304</b>
Gland flange	<b>GS-C25, 1.4308</b>	Nut	<b>A194 2H</b>
Handwheel	<b>Ductile Iron</b>		

**FEATURES**

- Non-rising stem design
- Short style face-to-face dimensions per DIN 3202-F4
- Multiple trim configurations including carbon steel with 13Cr facing, Stellite facing, and full stainless steel
- Graphite stem packing; PTFE available for stainless trim
- Graphite + stainless steel spiral wound gasket

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

## Non-rising Stem Gate Valve (DIN Short Style)

SECTION Dimensions per size REF EFC-435

SIZE	D	D1	D2	B	FN_HOLES_X_DIA	L	H	ØW	
DN50	165	125	102	18	3	4	150	400	200
DN65	185	145	122	18	3	4	170	435	220
DN80	200	160	138	20	3	8	180	515	250
DN100	220	180	158	20	3	8	190	495	280
DN125	250	210	188	22	3	8	200	725	280
DN150	285	240	212	22	3	8	210	780	300
DN200	340	295	268	24	3	12	230	980	350
DN250	405	355	320	26	3	12	250	1150	400
DN300	460	410	378	28	4	12	270	1380	450
DN350	520	470	438	30	4	16	290	1550	500
DN400	580	525	490	32	4	16	310	1745	500

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

GATE VALVE

# DIN Cast Steel Gate Valve (Short Style) F4

REF **EFC-436** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN600</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (DIN 2543)</b>
Face-to-face	<b>DIN 3202-F4</b>
Temperature	<b>0°C to 0°C</b>

## ACTUATION

- manual handwheel — Ductile iron handwheel

## STANDARDS

Design	<b>DIN 3352</b>
Test	<b>DIN 3230, API 598</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>GS-C25, 1.0619, 1.4803, 1.4408, 1.4308, WCB, LCB, WC6, CF8, CF8M, CF3, CF3M, CF8C</b>	Wedge	<b>GS-C25 + 13Cr, GS-C25 + STL, 1.4308, 1.4408</b>
Stem	<b>ASTM A182 F6a / 420, ASTM A182 F304, ASTM A182 F316</b>	Bonnet	<b>GS-C25, 1.4308, 1.4408</b>
Bonnet bolt	<b>ASTM A193 B7, ASTM A193 B8</b>	Bonnet nut	<b>ASTM A194 2H, ASTM A194 8</b>
Gasket	<b>Graphite + SS304, Graphite + SS316</b>	Stem packing	<b>Graphite, PTFE</b>
Gland	<b>A182 F6a, A182 F304, A182 F316</b>	Gland flange	<b>GS-C25, 1.4308, 1.4408</b>
Gland eyebolt	<b>ASTM A193 B7, ASTM A193 B8</b>	Gland nut	<b>ASTM A194 2H, ASTM A194 8</b>
Stem nut	<b>Bronze</b>	Handwheel	<b>Ductile Iron</b>

**FEATURES**

- Outside screw and yoke (OS&Y) and non-rising stem configurations available
- Short style face-to-face dimension per DIN 3202-F4
- Multiple trim material options including carbon steel, 13Cr, Stellite overlay, and austenitic stainless steel
- Graphite stem packing; PTFE available on stainless trim versions
- Spiral-wound graphite gasket with stainless steel winding

GATE VALVE

## DIN Cast Steel Gate Valve (Short Style) F4

SECTION Dimensions per size REF EFC-436

SIZE	D	D1	D2	B	F	N-Ø	L	H	ØW
DN50	165	125	102	18	3	4	150	400	200
DN65	185	145	122	18	3	4	170	435	220
DN80	200	160	138	20	3	8	180	515	250
DN100	220	180	158	20	3	8	190	495	280
DN125	250	210	188	22	3	8	200	725	280
DN150	285	240	212	22	3	8	210	780	300
DN200	340	295	268	24	3	12	230	980	350
DN250	405	355	320	26	3	12	250	1150	400
DN300	460	410	378	28	4	12	270	1380	450
DN350	520	470	438	30	4	16	290	1550	500
DN400	580	525	490	32	4	16	310	1745	500
DN500	715	650	610	36	4	20	350	2120	600
DN600	840	770	725	40	5	20	390	2520	600

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

GATE VALVE

# Non-Rising Stem Gate Valve

REF **EFC-495** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>NPS2 to NPS24</b>
Pressure	<b>Class 600 / PN100 to Class 2500 / PN420</b>
Temperature	<b>-29°C to 540°C</b>
Media	<b>High-temperature high-pressure working media, Toxic and hazardous liquids, General process fluids</b>

## ACTUATION

- Handwheel (manual)

## STANDARDS

Design	<b>API 600, API 603, ASME B16.34</b>
--------	--------------------------------------

## APPLICATIONS

- Power industry
- Petroleum refining
- Petrochemical industry
- Marine oil
- Tap water engineering / urban construction
- Chemical industry



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

---

Body **Carbon Steel, Stainless Steel, Alloy Steel**

---

## FEATURES

---

- Stem and nut arranged on the gate plate; stem rotates but does not rise outside the valve
- Trapezoidal thread at base of stem converts rotary motion to linear gate travel
- Guide mechanism in valve body prevents gate rotation during opening and closing
- Wedge gate does not contact seat surface prior to final closure, reducing seat wear
- Low fluid resistance; straight-through internal flow path with no change in flow direction
- Low opening and closing torque
- Bidirectional flow installation
- Reduced risk of water hammer
- Full bore opening when gate height equals valve bore diameter
- Valve stem apex used as full-open position indicator

## OPTIONS & NOTES

---

- At full open position, the open state cannot be monitored during operation; stem vertex is used as full-open indicator
- Main materials listed as 'Carbon Steel, Stainless Steel, Alloy Steel, Etc.' — additional materials available on request

GATE VALVE

# Power Plant Gate Valve

REF **EFC-513** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN600</b>
Pressure	<b>Class 600 to Class 2500</b>
End connection	<b>butt weld (GB/T12224, NB/T47044) / flanged (GB/T9113, ASME B16.5)</b>
Face-to-face	<b>GB/T12221, NB/T47044</b>
Temperature	<b>-29°C to 650°C</b>

## ACTUATION

- manual
- pneumatic
- electric

## STANDARDS

Design	<b>GB/T12224, ASME B16.34, NB/T47044</b>
Test	<b>GB/T26480</b>

## APPLICATIONS

- Thermal power station pipeline systems
- High-temperature and high-pressure power generation applications
- Oil refining
- Power industry



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

---

Body **Carbon Steel, Stainless Steel, Alloy Steel**

---

## FEATURES

---

- Low fluid resistance-internal medium channel is straight-through without change in flow direction
- Pressure self-sealing; both ends are welded connections
- Low opening and closing torque
- Simple body structure
- Guide mechanism in valve body prevents gate rotation during opening and closing, ensuring accurate seating
- Wedge gate does not contact valve seat before final closure, reducing sealing surface wear
- Bidirectional flow-medium can flow from either direction
- Generally installed horizontally in pipeline
- Reduced susceptibility to water hammer

## OPTIONS & NOTES

---

- Etc. noted for materials — additional material options may be available on request
- Operator options listed as 'Manual, Pneumatic, Electric, etc.' — further options may be available

STRAINER

# Y Strainer

REF **EFC-12** ISSUED 08 Jul 2026

## SPECIFICATIONS

---



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-12** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

STRAINER

# SS Y-Type Strainer - BSP

REF **EFC-118** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN8 to DN100</b>
Pressure	<b>55 bar</b>
End connection	<b>threaded (BSP)</b>
Temperature	<b>-20°C to 180°C</b>
Media	<b>water, oil, gas</b>



## MATERIALS

Body	<b>CF8, CF8M</b>	Filter	<b>SS304, SS316</b>
Gasket	<b>PTFE</b>	Cap	<b>CF8, CF8M</b>

## FEATURES

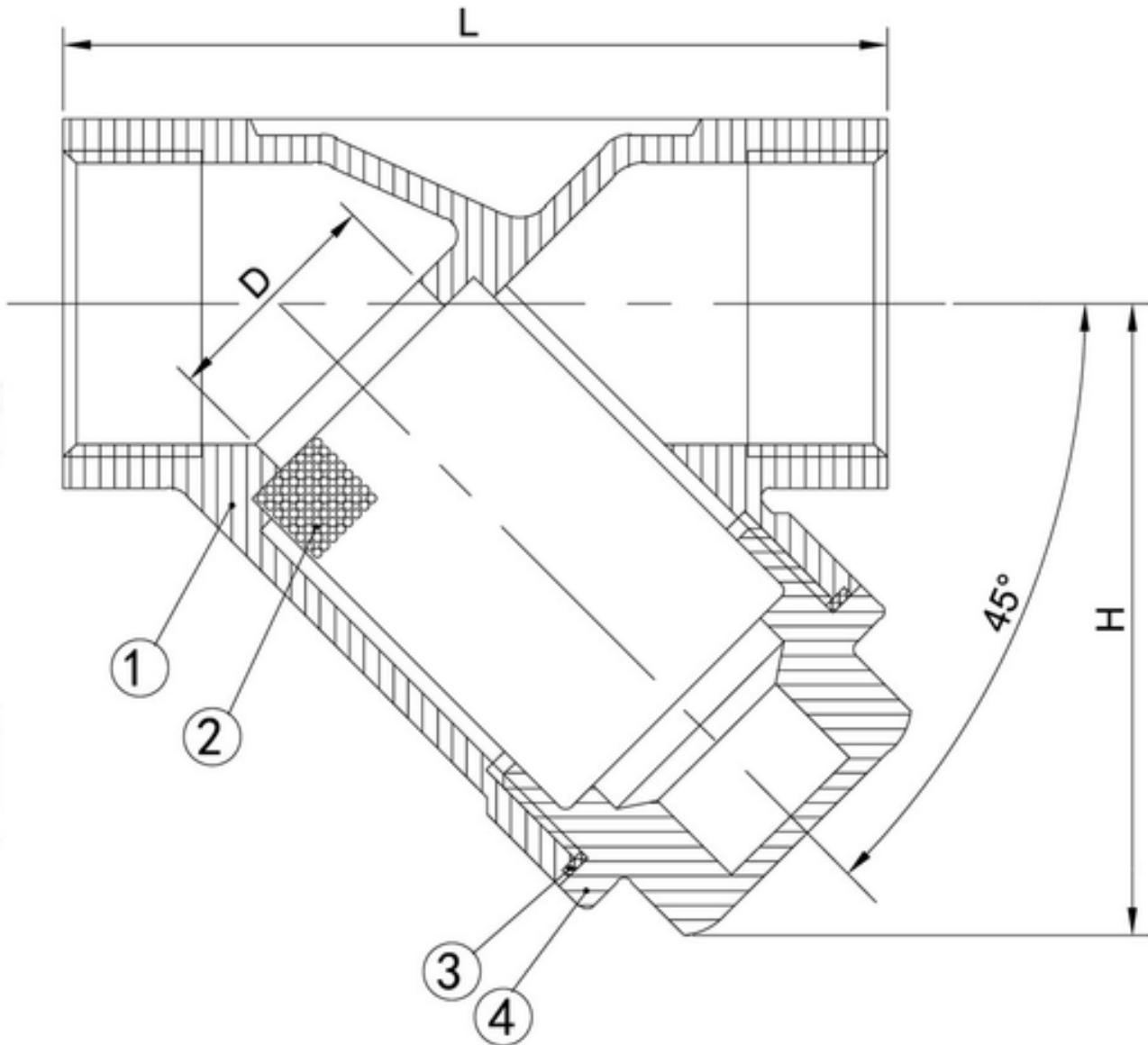
- Y-type body configuration with 45° screen angle
- Removable cap for screen cleaning and maintenance
- BSP threaded end connections

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

# SS Y-Type Strainer - BSP

SECTION Technical drawing 1 REF EFC-118



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-118** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

STRAINER

# SS Y-Type Strainer - BSP

SECTION Dimensions per size REF EFC-118

SIZE	L	D	H	RC
DN8	54	8	35	1/4" inch
DN10	54	10	35	3/8" inch
DN15	59	15	45	1/2" inch
DN20	73	20	60	3/4" inch
DN25	84	25	63	1" inch
DN32	97	32	80	1-1/4" inch
DN40	106	40	88	1-1/2" inch
DN50	127	50	109	2" inch
DN65	165	65	138	2-1/2" inch
DN80	188	80	153	3" inch
DN100	232	100	193	4" inch

*Dimensions in inches unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

# Y Type Strainer

REF **EFC-119** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN15 to DN600</b>
Pressure	<b>PN10 to PN40</b>
End connection	<b>flanged (EN 1092-2/B)</b>
Face-to-face	<b>EN 558 Serie 1, DIN 3202 F1</b>

## STANDARDS

Design	<b>TS 11494</b>
Test	<b>EN 12266</b>



## MATERIALS

Body	<b>GG 25, GGG-40, 50, GS-C 25</b>	Filter	<b>AISI 304, AISI 316</b>
Gasket	<b>Kingerit, Franzelit</b>	Bonnet	<b>GG 25, GGG-40, 50, GS-C 25</b>
Bolt	<b>5 D, SS</b>	Plug	<b>GG 25, Ms 58, SS</b>

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

# Y Type Strainer

SECTION Dimensions per size REF EFC-119

SIZE	L	H_MIN	H_MAX	D_PN10	K_PN10	D_PN16	K_PN16	D_PN25	K_PN25	D_PN40	K_PN40	WEIGHT
DN15	130	60	100	95	65	95	65	95	65	95	65	1.97 kg
DN20	150	70	120	105	75	105	75	105	75	105	75	2.98 kg
DN25	160	80	140	115	85	115	85	115	85	115	85	3.7 kg
DN32	180	85	150	140	100	140	100	140	100	140	100	5.6 kg
DN40	200	120	190	150	110	150	110	150	110	150	110	7.6 kg
DN50	230	135	220	165	125	165	125	165	125	165	125	9.8 kg
DN65	290	185	310	185	145	185	145	185	145	185	145	15.7 kg
DN80	310	205	340	200	160	200	160	200	160	200	160	24.9 kg
DN100	350	245	410	220	180	220	180	235	190	235	190	34 kg
DN125	400	290	470	250	210	250	210	270	220	270	220	43 kg
DN150	480	330	530	285	240	285	240	300	250	300	250	54 kg
DN200	600	390	620	340	295	340	295	360	310	375	320	118 kg
DN250	730	530	850	395	350	405	355	425	370	450	385	177 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Y Type Strainer

Dimensions per size (continued) · EFC-119

SIZE	L	H_MIN	H_MAX	D_PN10	K_PN10	D_PN16	K_PN16	D_PN25	K_PN25	D_PN40	K_PN40	WEIGHT
<b>DN300</b>	850	560	1050	445	400	460	410	485	430	515	450	275 kg
<b>DN350</b>	980	620	1100	505	460	520	470	555	490	580	510	310 kg
<b>DN400</b>	1100	710	1210	565	515	580	525	620	550	660	585	418 kg
<b>DN450</b>	1200	800	1400	615	565	640	585	670	600	685	610	495 kg
<b>DN500</b>	1250	985	1700	670	620	715	650	730	660	755	670	1100 kg
<b>DN600</b>	1450	1100	1900	780	725	840	770	845	770	890	795	1300 kg

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

# Y Type Strainer

REF **EFC-120** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN15 to DN600</b>
Pressure	<b>PN10 to PN40</b>
End connection	<b>flanged (EN 1092-2/B)</b>
Face-to-face	<b>EN 558 Serie 1, DIN 3202 F1</b>

## STANDARDS

Design	<b>TS 11494</b>
Test	<b>EN 12266</b>



## MATERIALS

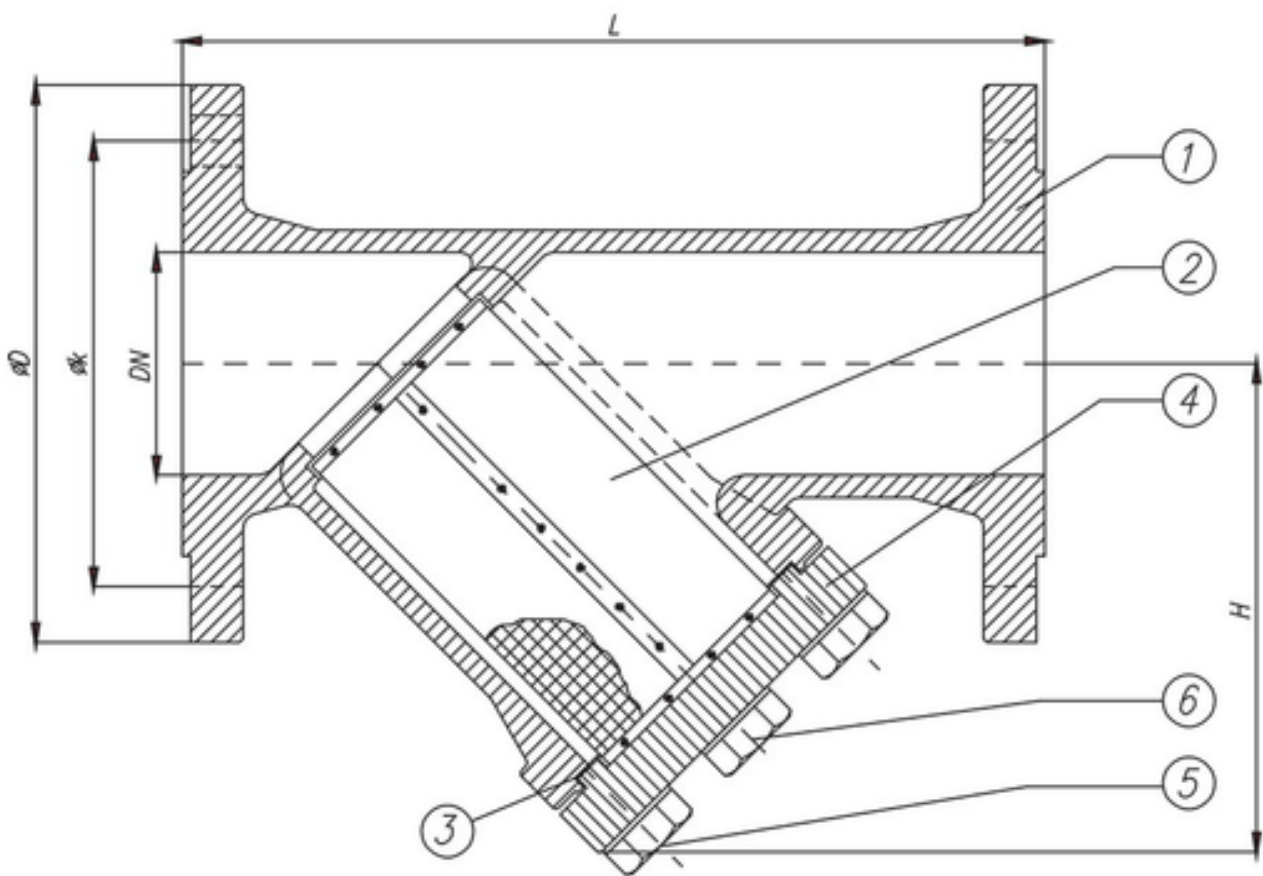
Body	<b>GG 25, GGG-40, 50, GS-C 25</b>	Filter	<b>AISI 304, AISI 316</b>
Gasket	<b>Kingerit, Franzalit</b>	Bonnet	<b>GG 25, GGG-40, 50, GS-C 25</b>
Bolt	<b>5 D, SS</b>	Plug	<b>GG 25, Ms 58, SS</b>

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

# Y Type Strainer

SECTION Technical drawing 1 REF EFC-120



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-120** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

STRAINER

# Y Type Strainer

SECTION Dimensions per size REF EFC-120

SIZE	D	K	L	H_MIN	H_MAX	WEIGHT
DN15 (PN10)	95	65	130	60	100	1.97 kg
DN15 (PN16)	95	65	130	60	100	1.97 kg
DN15 (PN25)	95	65	130	60	100	1.97 kg
DN15 (PN40)	95	65	130	60	100	1.97 kg
DN20 (PN10)	105	75	150	70	120	2.98 kg
DN20 (PN16)	105	75	150	70	120	2.98 kg
DN20 (PN25)	105	75	150	70	120	2.98 kg
DN20 (PN40)	105	75	150	70	120	2.98 kg
DN25 (PN10)	115	85	160	80	140	3.7 kg
DN25 (PN16)	115	85	160	80	140	3.7 kg
DN25 (PN25)	115	85	160	80	140	3.7 kg
DN25 (PN40)	115	85	160	80	140	3.7 kg
DN32 (PN10)	140	100	180	85	150	5.6 kg
DN32 (PN16)	140	100	180	85	150	5.6 kg
DN32 (PN25)	140	100	180	85	150	5.6 kg
DN32 (PN40)	140	100	180	85	150	5.6 kg
DN40 (PN10)	150	110	200	120	190	7.6 kg
DN40 (PN16)	150	110	200	120	190	7.6 kg
DN40 (PN25)	150	110	200	120	190	7.6 kg
DN40 (PN40)	150	110	200	120	190	7.6 kg
DN50 (PN10)	165	125	230	135	220	9.8 kg
DN50 (PN16)	165	125	230	135	220	9.8 kg
DN50 (PN25)	165	125	230	135	220	9.8 kg
DN50 (PN40)	165	125	230	135	220	9.8 kg
DN65 (PN10)	185	145	290	185	310	15.7 kg
DN65 (PN16)	185	145	290	185	310	15.7 kg
DN65 (PN25)	185	145	290	185	310	15.7 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Y Type Strainer

Dimensions per size (continued) · EFC-120

SIZE	D	K	L	H_MIN	H_MAX	WEIGHT
DN65 (PN40)	185	145	290	185	310	15.7 kg
DN80 (PN10)	200	160	310	205	340	24.9 kg
DN80 (PN16)	200	160	310	205	340	24.9 kg
DN80 (PN25)	200	160	310	205	340	24.9 kg
DN80 (PN40)	200	160	310	205	340	24.9 kg
DN100 (PN10)	220	180	350	245	410	34 kg
DN100 (PN16)	220	180	350	245	410	34 kg
DN100 (PN25)	235	190	350	245	410	34 kg
DN100 (PN40)	235	190	350	245	410	34 kg
DN125 (PN10)	250	210	400	290	470	43 kg
DN125 (PN16)	250	210	400	290	470	43 kg
DN125 (PN25)	270	220	400	290	470	43 kg
DN125 (PN40)	270	220	400	290	470	43 kg
DN150 (PN10)	285	240	480	330	530	54 kg
DN150 (PN16)	285	240	480	330	530	54 kg
DN150 (PN25)	300	250	480	330	530	54 kg
DN150 (PN40)	300	250	480	330	530	54 kg
DN200 (PN10)	340	295	600	390	620	118 kg
DN200 (PN16)	340	295	600	390	620	118 kg
DN200 (PN25)	360	310	600	390	620	118 kg
DN200 (PN40)	375	320	600	390	620	118 kg
DN250 (PN10)	395	350	730	530	850	177 kg
DN250 (PN16)	405	355	730	530	850	177 kg
DN250 (PN25)	425	370	730	530	850	177 kg
DN250 (PN40)	450	385	730	530	850	177 kg
DN300 (PN10)	445	400	850	560	1050	275 kg
DN300 (PN16)	460	410	850	560	1050	275 kg
DN300 (PN25)	485	430	850	560	1050	275 kg
DN300 (PN40)	515	450	850	560	1050	275 kg
DN350 (PN10)	505	460	980	620	1100	310 kg
DN350 (PN16)	520	470	980	620	1100	310 kg
DN350 (PN25)	555	490	980	620	1100	310 kg
DN350 (PN40)	580	510	980	620	1100	310 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Y Type Strainer

Dimensions per size (continued) · EFC-120

SIZE	D	K	L	H_MIN	H_MAX	WEIGHT
<b>DN400 (PN10)</b>	565	515	1100	710	1210	418 kg
<b>DN400 (PN16)</b>	580	525	1100	710	1210	418 kg
<b>DN400 (PN25)</b>	620	550	1100	710	1210	418 kg
<b>DN400 (PN40)</b>	660	585	1100	710	1210	418 kg
<b>DN450 (PN10)</b>	615	565	1200	800	1400	495 kg
<b>DN450 (PN16)</b>	640	585	1200	800	1400	495 kg
<b>DN450 (PN25)</b>	670	600	1200	800	1400	495 kg
<b>DN450 (PN40)</b>	685	610	1200	800	1400	495 kg
<b>DN500 (PN10)</b>	670	620	1250	985	1700	1100 kg
<b>DN500 (PN16)</b>	715	650	1250	985	1700	1100 kg
<b>DN500 (PN25)</b>	730	660	1250	985	1700	1100 kg
<b>DN500 (PN40)</b>	755	670	1250	985	1700	1100 kg
<b>DN600 (PN10)</b>	780	725	1450	1100	1900	1300 kg
<b>DN600 (PN16)</b>	840	770	1450	1100	1900	1300 kg
<b>DN600 (PN25)</b>	845	770	1450	1100	1900	1300 kg
<b>DN600 (PN40)</b>	890	795	1450	1100	1900	1300 kg

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

STRAINER

# Stainless Steel Strainer

REF **EFC-121** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size **DN15 to DN50**

Pressure **PN40**

End connection **threaded**

Temperature **-10°C to 120°C**

## STANDARDS

Test **EN 12266, API 598**



## MATERIALS

Body	<b>Stainless Steel AISI 304, Stainless Steel AISI 316</b>	Bonnet	<b>Stainless Steel AISI 304, Stainless Steel AISI 316</b>
Filter	<b>Stainless Steel AISI 304, Stainless Steel AISI 316</b>	Gasket	<b>PTFE</b>

## PRESSURE-TEMPERATURE RATING

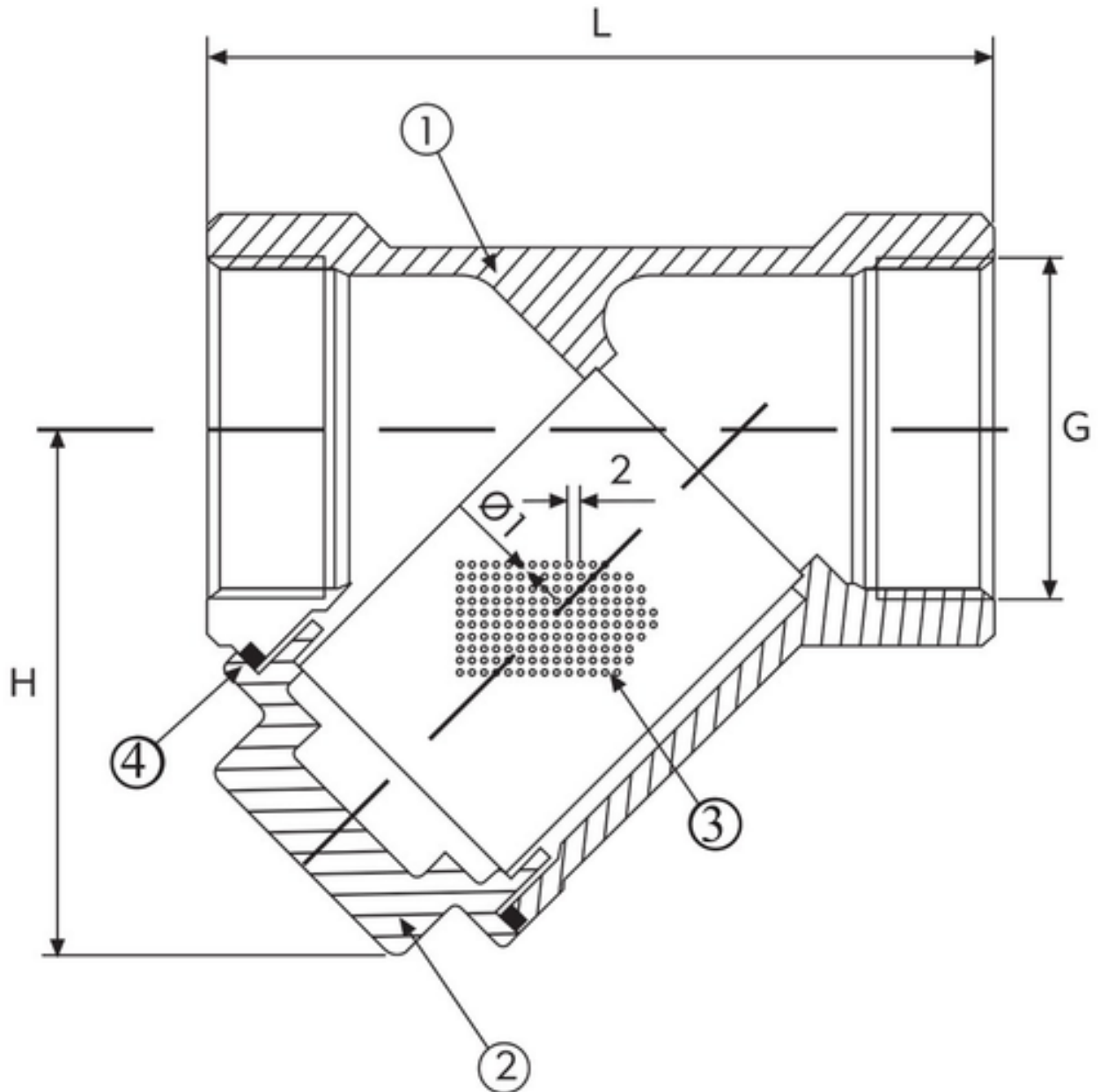
CLASS	TEMPERATURE	MAX PRESSURE
PN16	-10°C	16 bar
PN16	120°C	16 bar

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

# Stainless Steel Strainer

SECTION Technical drawing 1 REF EFC-121



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

# Stainless Steel Strainer

SECTION Dimensions per size REF EFC-121

SIZE	G	L	K	WEIGHT
DN15	1/2" inch	65	51	0.23 kg
DN20	3/4" inch	80	60	0.36 kg
DN25	1" inch	90	72	0.69 kg
DN32	1-1/4" inch	105	77	0.78 kg
DN40	1-1/2" inch	120	87	1.22 kg
DN50	2" inch	140	103	1.79 kg

*Dimensions in inches unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

STRAINER

# T Type Strainer

REF **EFC-122** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN600</b>
Pressure	<b>PN6 to PN16</b>
End connection	<b>flanged (EN 1092-2/B)</b>
Face-to-face	<b>EN 558 Serie 1, DIN 3202 F1</b>

## STANDARDS

Design	<b>TS 11494</b>
Test	<b>EN 12266</b>



## MATERIALS

Body	<b>GG 25, GGG-40, GGG-50</b>	Filter	<b>AISI 304</b>
Gasket	<b>Klingerit, Franzelit</b>	Bonnet	<b>GG 25, GGG-40, GGG-50</b>
Bolt	<b>5.6, A2, A4</b>	Plug	<b>GG 25, Ms 58, SS</b>

## FEATURES

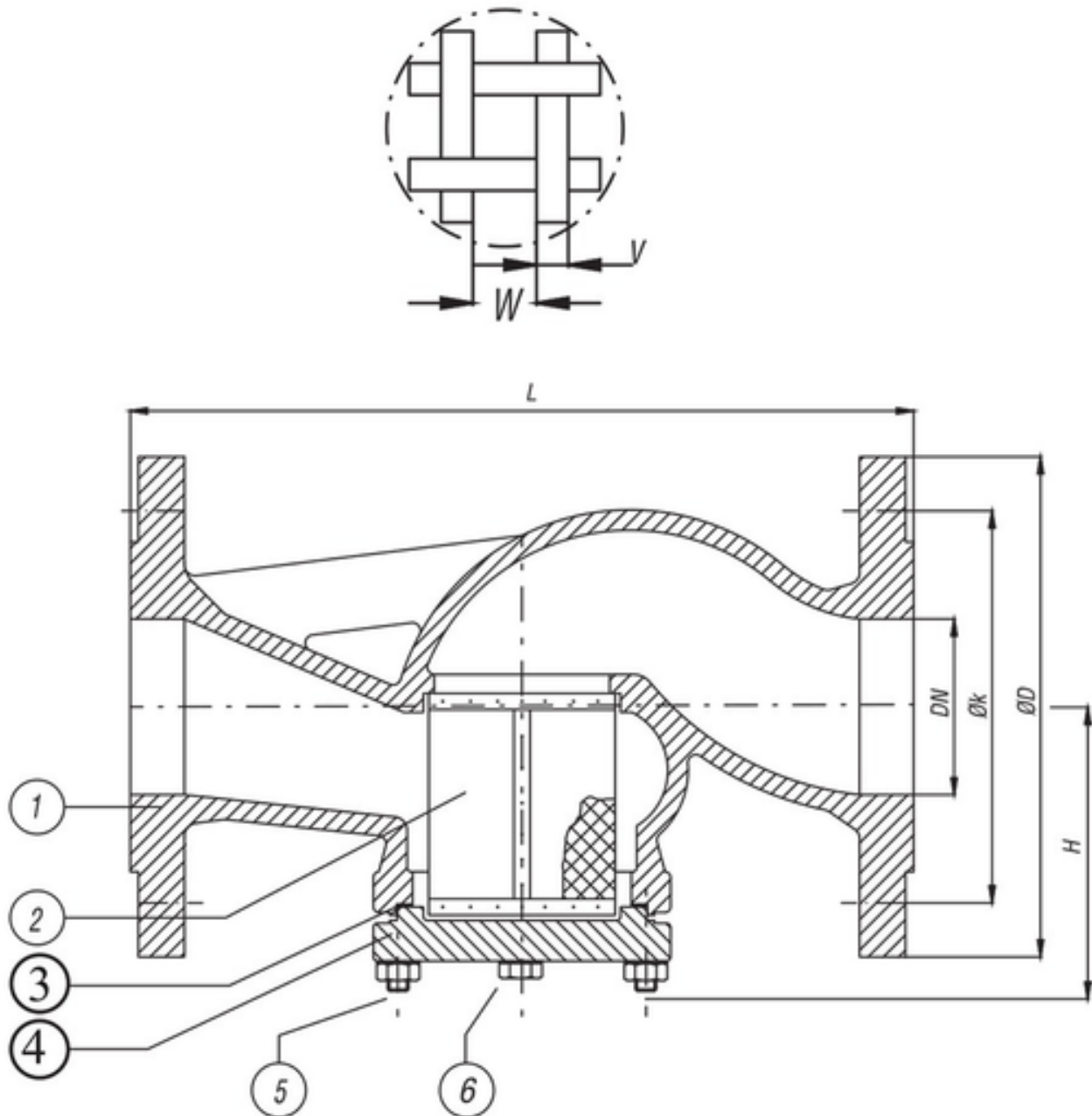
- T-type body configuration for pipeline straining
- Removable bonnet for filter element access and cleaning
- Drain plug provided on body
- Filter element in AISI 304 stainless steel
- Available in cast iron (GG 25) and ductile iron (GGG-40/50) body options
- Production available up to DN600

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

# T Type Strainer

SECTION Technical drawing 1 REF EFC-122



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

# T Type Strainer

SECTION Dimensions per size REF EFC-122

SIZE	L	H_MIN	H_MAX	BA	S	V	W	D1	PN6 D	PN6 K	PN10 D	PN10 K	PN16 D	PN16 K	WEIGHT
DN15	130	75	115	52	25	0.35	0.65	R7/8"	80	55	95	65	95	65	1.97 kg
DN20	150	75	125	62	25	0.35	0.65	R7/8"	90	65	105	75	105	75	2.98 kg
DN25	160	85	150	72	29	0.35	0.65	R7/8"	100	75	115	85	115	85	3.7 kg
DN32	180	90	160	77	38	0.35	0.85	R7/8"	120	90	140	100	140	100	5.6 kg
DN40	200	95	170	97	50	0.4	0.85	R7/8"	130	100	150	110	150	110	7.6 kg
DN50	230	100	185	112	60	0.4	0.85	R7/8"	140	110	165	125	165	125	9.8 kg
DN65	290	135	250	168	65	0.4	0.85	R7/8"	160	130	185	145	185	145	15.7 kg
DN80	310	145	280	188	85	0.4	0.85	R7/8"	190	150	200	160	200	160	24.9 kg
DN100	350	170	330	218	105	0.4	0.85	R7/8"	210	170	220	180	220	180	34 kg
DN125	400	205	385	243	130	0.5	0.93	R7/8"	240	210	250	210	250	210	43 kg
DN150	480	225	400	281	160	0.5	0.93	R7/8"	265	225	285	240	285	240	54 kg
DN200	600	270	500	317	210	0.5	0.93	R7/8"	320	280	340	295	340	295	118 kg
DN250	730	290	580	485	260	0.5	0.93	R7/8"	375	335	395	350	405	355	177 kg
DN300	850	360	700	520	310	0.5	0.93	R1"	400	395	445	400	460	410	275 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

EFC-122 · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

STRAINER

# Foot Valve With Spring

REF **EFC-123** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN600</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>flanged (EN 1092-2/B) / flanged (ASME B16.5)</b>
Media	<b>water</b>

## STANDARDS

Test	<b>EN 12266, API 598</b>
------	--------------------------



## MATERIALS

Body	<b>GGG25, GGG-40,3, G-SC25, Bronze, SS, Pos.Çelik</b>	Disc	<b>GGG 25, GGG-40, SS, Bronze</b>
Seat	<b>NBR, EPDM, SS, Bronze</b>	Stem	<b>AISI 420, 304, 316, CuSn8</b>
Spring	<b>AISI 302, 1.4310</b>	Ring	<b>SS, Bronze, PTFE</b>
Guide	<b>GG 25, GGG-40, G-SC 25</b>	Flange	<b>GGG25, GGG-40,3, G-SC25, Bronze, SS, Pos.Çelik</b>
Basket	<b>AISI 304, 316, Brass, Copper</b>		

## FEATURES

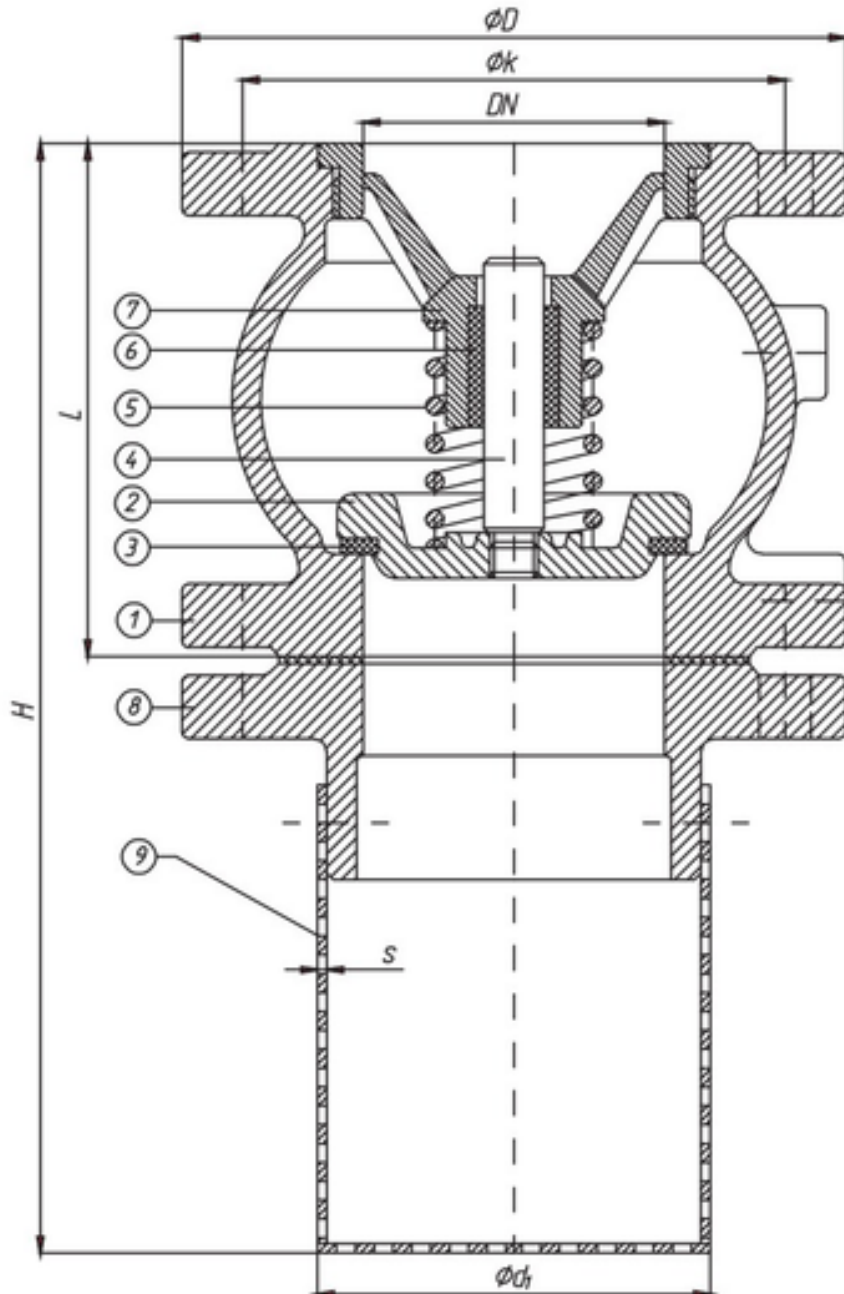
- Integral basket strainer at inlet
- Spring-assisted disc closure
- Suitable for use at suction pipe base
- Available in multiple body and disc material combinations
- Flanged ends compatible with EN 1092-2/B and ASME B16.5

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

# Foot Valve With Spring

SECTION Technical drawing 1 REF EFC-123



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

# Foot Valve With Spring

SECTION Dimensions per size REF EFC-123

SIZE	L	H	OD	S	PN10 D	PN10 K	PN16 D	PN16 K	ASA150 D	ASA150 K	WEIGHT
DN40	85	185	71	1.5	150	110	150	110	150	110	6.2 kg
DN50	100	200	81	1.5	165	125	165	125	152.5	120.7	8.8 kg
DN65	120	245	101	1.5	185	145	185	145	178	139.7	11 kg
DN80	140	280	111	1.5	200	160	200	160	190.5	152.4	14 kg
DN100	170	320	140	1.5	220	180	220	180	229	190.5	19.5 kg
DN125	200	400	161	1.5	250	210	250	210	254	216	30.5 kg
DN150	230	450	190	1.5	285	240	285	240	279.5	241.3	39.5 kg
DN200	288	510	235	2	340	295	340	295	343	298.5	64.5 kg
DN250	354	600	295	2	395	350	405	355	406.5	362	110 kg
DN300	395	650	345	2	445	400	460	410	483	431.4	156 kg
DN350	472	735	410	2	505	460	520	470	533.5	476.3	250 kg
DN400	560	860	454	2	565	515	580	525	597	539.8	342 kg
DN500	670	1020	554	2.5	670	620	715	650	699	635	590 kg
DN600	710	1400	654	2.5	780	725	840	770	813	749.3	630 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

# Strainer Basket (Suction Strainer)

REF **EFC-125** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN700</b>
Pressure	<b>PN2,5 to PN40</b>
End connection	<b>flanged</b>

## STANDARDS

Design	<b>DIN 3247</b>
--------	-----------------



## MATERIALS

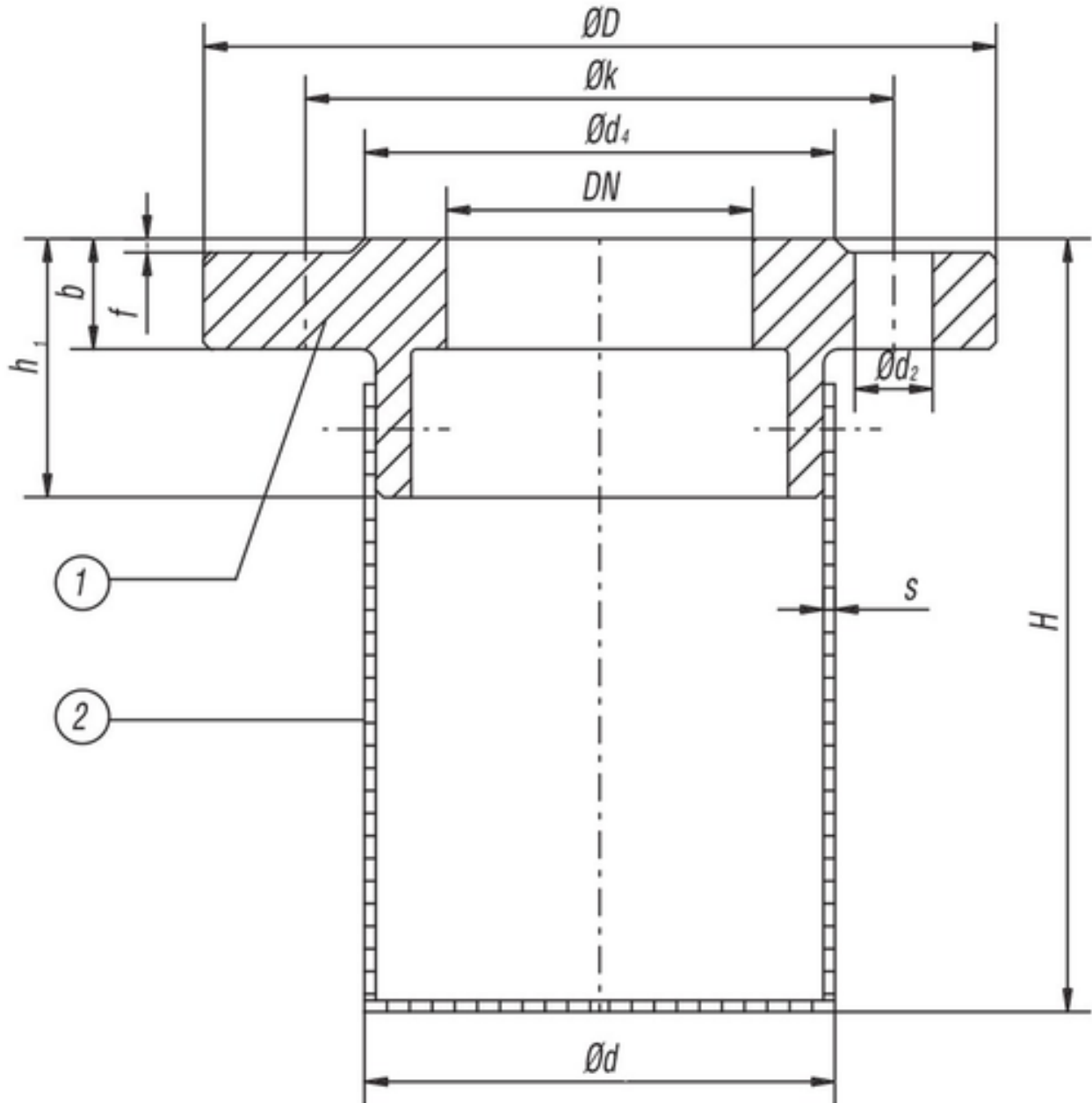
Body	<b>GG 25, RSt 37-2</b>	Basket	<b>RSt 37-2 (gal.Zn), 304</b>
------	------------------------	--------	-------------------------------

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

# Strainer Basket (Suction Strainer)

SECTION Technical drawing 1 REF EFC-125



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

# Strainer Basket (Suction Strainer)

SECTION Dimensions per size REF EFC-125

SIZE	OD	OK	B	OD1	T	HOLES	OD2	BOLTDIA	OD_FILTER	S	H1	H
DN40	150	110	18	84	null	4 count	18	16	71	1.5	50	130
DN50	165	125	18	99	—	4 count	18	16	81	1.5	50	160
DN65	185	145	20	118	—	4 count	18	16	101	1.5	50	160
DN80	200	160	20	132	—	8 count	18	16	111	1.5	50	180
DN100	220	180	22	156	—	8 count	18	16	140	1.5	50	195
DN125	250	210	22	184	—	8 count	18	16	161	1.5	50	250
DN150	285	240	24	211	2	8 count	22	20	190	1.5	50	285
DN200	340	295	24	266	2	12 count	22	20	235	1.5	50	385
DN250	395	350	26	319	2	12 count	22	20	295	2	60	460
DN300	445	400	26	370	2	12 count	22	20	345	2	60	530
DN350	505	460	26	429	2	16 count	26	24	410	2	60	600
DN400	565	515	26	480	2	16 count	26	24	454	2	60	715
DN450	615	565	28	530	2	20 count	26	24	474	2.5	85	880
DN500	670	620	28	582	2	20 count	26	24	554	2.5	85	915
DN600	780	725	34	682	2	20 count	29.5	27	654	2.5	85	1030
DN700	895	840	34	794	5	24 count	29.5	27	774	2.5	95	1215

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

# Straight Type Mud Box

REF **EFC-126** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN600</b>
Pressure	<b>PN2.5 to PN4</b>
End connection	<b>flanged (DIN EN 1092-1) / flanged (DIN EN 1092-1)</b>
Face-to-face	<b>EN 558 Serie 1, DIN 3202 F1</b>



## MATERIALS

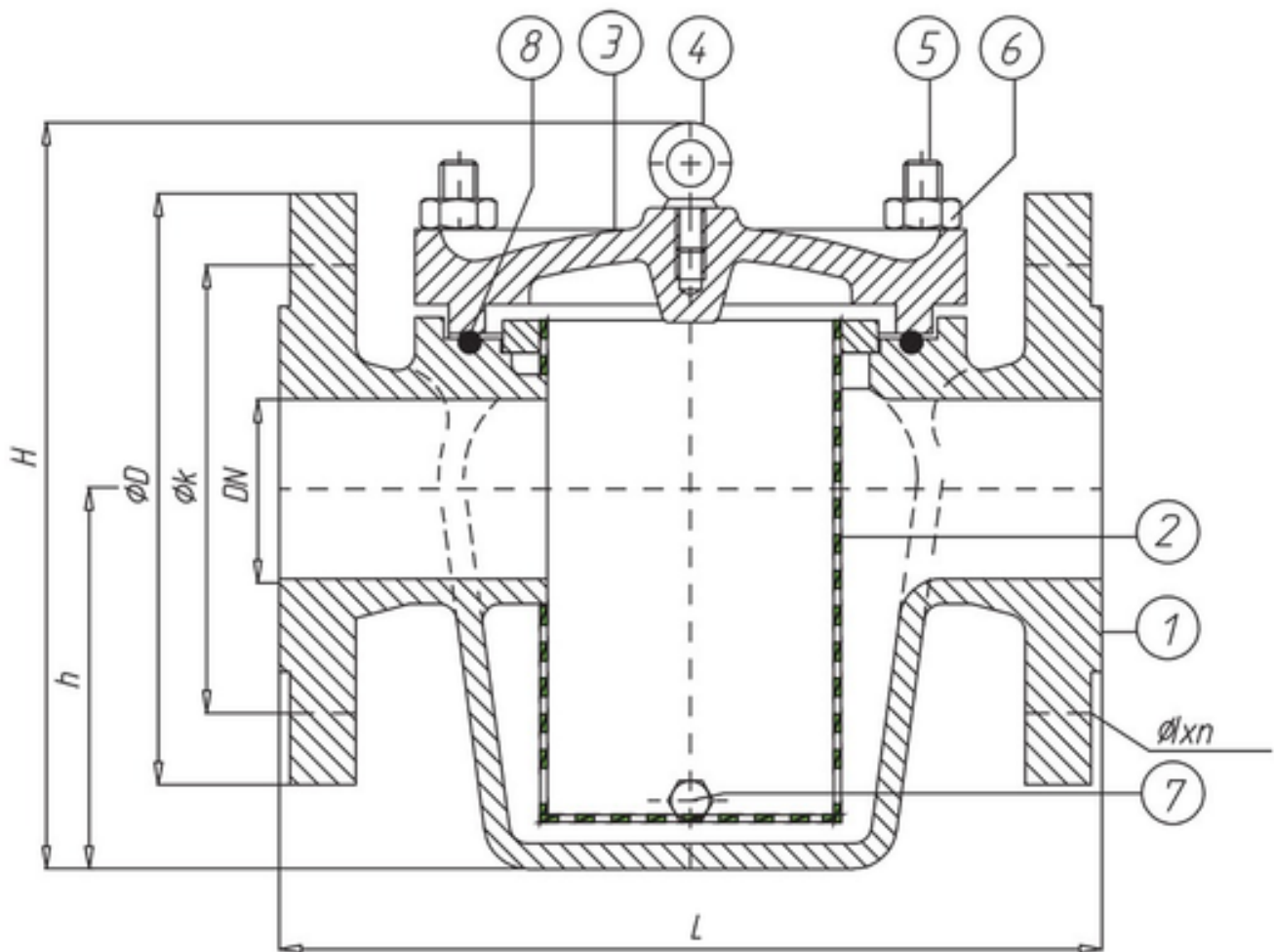
Body	<b>GG-25, GGG-40, GS-C 25, Bronze, SS 304, SS 316</b>	Screen	<b>AISI 304, AISI 316, Copper</b>
Bonnet	<b>GG-25, GGG-40, GS-C 25, Bronze, SS 304, SS 316</b>	Ring screw	<b>St, SS</b>
Stud	<b>St, SS</b>	Nut	<b>St, SS</b>
Plug	<b>St, SS, Brass</b>	O ring	<b>NBR</b>

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

# Straight Type Mud Box

SECTION Technical drawing 1 REF EFC-126



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

# Straight Type Mud Box

SECTION Dimensions per size REF EFC-126

SIZE	L	H	H D_PN10 K_PN10OXN_PN1D_PN16 K_PN16OXN_PN16 PN16								WEIGHT
										KG	
DN40	200	205	95	150	110	Ø18x4	150	110	Ø18x4	—	14 kg
DN50	230	225	106	165	125	Ø18x4	165	125	Ø18x4	—	19 kg
DN65	290	260	134	185	145	Ø18x4	185	145	Ø18x4	—	26 kg
DN80	310	310	156	200	160	Ø18x8	200	160	Ø18x8	—	33 kg
DN100	350	345	185	220	180	Ø18x8	220	180	Ø18x8	—	45 kg
DN125	400	395	225	250	210	Ø18x8	250	210	Ø18x8	—	60 kg
DN150	480	465	265	285	240	Ø22x8	285	240	Ø22x8	—	86 kg
DN200	600	565	335	340	295	Ø22x8	340	295	Ø22x8	150 kg	147 kg
DN250	600	610	345	400	350	Ø22x12	400	355	Ø26x12	185 kg	180 kg
DN300	700	675	390	455	400	Ø22x12	455	410	Ø26x12	—	245 kg
DN350	800	790	425	505	460	Ø22x16	520	470	Ø26x16	—	325 kg
DN400	840	900	470	565	515	Ø26x16	580	525	Ø30x16	—	415 kg
DN500	1000	1100	525	670	620	Ø26x20	715	650	Ø33x20	—	550 kg
DN600	1100	1100	670	780	725	Ø30x20	840	770	Ø36x20	—	815 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

# Ductile Iron Basket Strainer

REF **EFC-264** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN25 to DN400</b>
Pressure	<b>PN10 to PN25</b>
End connection	<b>flanged (ANSI/EN1092.2)</b>
Media	<b>water, chemical fluids, oil</b>

## STANDARDS

Test	<b>DIN EN12266</b>
------	--------------------

## COATINGS & LINING

- Liquid painting
- Epoxy Coating

## APPLICATIONS

- Water treatment systems
- Chemical processing
- Oil pipelines
- HVAC installations
- Municipal water lines
- Industrial process equipment protection



DN	L	D	K	G	B	f	n-ød	H1	H2
40	207	127	98.6	73.2	17.5	3	4-ø16	114	98
50	207	152.4	120.7	91.9	19.1	3	4-ø19	114	98
65	210	177.8	139.7	104.6	22.4	3	4-ø19	129	112
80	251	190.5	152.4	127	23.9	3	4-ø19	142	125
100	292	228.6	190.5	157.2	23.9	3	8-ø19	165	160
125	334	254	215.9	185.7	23.9	3	8-ø22	173	185
150	378	279.4	241.3	215.9	25.4	3	8-ø22	165	235
200	475	342.9	298.5	269.7	28.4	3	8-ø22	215	295
250	511	406.4	362	323.9	30.2	3	12-ø25	325	340
300	607	482.5	431.8	381	31.8	3	12-ø25	283	423
350	769	533.4	476.3	412.8	35.1	4	12-ø29	345	585
400	842	596.9	539.8	469.9	36.6	4	16-ø29	390	590
450	890	635	577.9	533.4	39.6	4	16-ø32	402	628
500	900	698.5	635	584.2	42.9	4	20-ø32	441	696
600	1000	812.8	749.3	692.2	47.8	5	20-ø35	523	834

Standards  
1,Face to Face according to ANSI B16.10  
2,Flange drilled is according to ASME B 16.42

Nominal pressure	200Psi
Suitable medium	water
test pressure	300Psi
test pressure	200Psi
Working temperature	-20-65°C

3	Plug	1	Galvanized steel	BS1769
6	Bolt nut	6	A2-70	
5	Bolt	6	A2-70	
4	Cover	1	GGG50	
3	Cover gasket	1	EPDM	
2	Screen	1	S3304	
1	Body	1	GGG50	
NO	Name	QTY	Material	

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>Cast Iron, Ductile Iron, Carbon Steel</b>	Cover	<b>Cast Iron, Ductile Iron, Carbon Steel</b>
Filter	<b>Galvanized Carbon Steel, AISI304, AISI316</b>	Cover gasket	<b>Graphite, NBR, EPDM</b>
Cover bolts and nuts	<b>Galvanized Carbon Steel, AISI304, AISI316</b>	Drain plug	<b>Brass, Stainless Steel, Galvanized Carbon Steel</b>
Body	<b>GGG50</b>	Screen	<b>SS304</b>
Cover gasket	<b>EPDM</b>	Cover	<b>GGG50</b>
Bolt	<b>A2-70</b>	Bolt nut	<b>A2-70</b>
Plug	<b>Galvanised steel BS1769</b>	Bonnet	<b>Cast Iron, Ductile Iron, Carbon Steel</b>

**FEATURES**

- Large-capacity basket screen for particle trapping with continuous flow
- Removable cover for maintenance access
- Internal basket design for reduced system downtime
- Flanged body with liquid painting or epoxy coating for corrosion resistance
- Nominal pressure: 200 Psi
- Suitable medium: water
- Shell test pressure: 300 Psi
- Seat test pressure: 200 Psi
- Working temperature: -20°C to 80°C
- Y-pattern strainer body with flanged ends
- Removable screen element (item 2)
- Flanged cover with gasket for screen access
- Body casting marked DN150 PN16 GGG50 (visible on product photo)

**OPTIONS & NOTES**

- Body with Liquid painting or Epoxy Coating.
- Operator field left blank in product table.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

# Angle Type Mud Box

REF **EFC-422** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN400</b>
Pressure	<b>PN4 (4 bar)</b>
End connection	<b>flanged (DIN EN 1092)</b>
Media	<b>sea cooling water</b>

## STANDARDS

Design	<b>DIN 87 151-E Angle, DIN 87 151-D Straight</b>
Test	<b>DIN EN 12266</b>



## MATERIALS

Body	<b>GG25, GGG40, GGG40.3, GSC25, Bronze RG5, RG7, RG10, CuSn10, SS304, SS316, Duplex 1.4470</b>	Screen	<b>AISI 304L, AISI 316L, AISI 316Ti, CuNi10Fe</b>
Bonnet	<b>GG25, GGG40, GGG40.3, GSC25, Bronze RG5, RG7, RG10, CuSn10, SS304, SS316, Duplex 1.4470</b>	Ring screw	<b>Galvanized Steel</b>
Ring stud	<b>Steel, A2, A4</b>	Nut	<b>Steel, A2, A4</b>
Plug	<b>Bronze, AISI 304, AISI 316</b>	O ring gasket	<b>EPDM, NBR</b>

## FEATURES

- Angle-pattern body configuration for inline installation
- Basket-type screen for debris removal from sea cooling water pipelines
- Available in straight (DIN 87 151-D) and angle (DIN 87 151-E) form configurations
- Multiple body material options: cast iron, ductile iron, carbon steel, bronze, stainless steel

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

# Angle Type Mud Box

SECTION Dimensions per size REF EFC-422

SIZE	OD	OK	L	H	WEIGHT
DN40	150	110	125	240	15 kg
DN50	165	125	135	260	21 kg
DN65	185	125	150	280	25 kg
DN80	200	160	175	330	36 kg
DN100	220	180	195	350	51 kg
DN125	250	210	220	415	69 kg
DN150	285	240	270	470	94 kg
DN175	315	270	300	505	120 kg
DN200	340	295	300	540	138 kg
DN250	395	350	390	660	200 kg
DN300	445	400	450	760	278 kg
DN350	505	460	400	730	330 kg
DN400	565	515	520	980	458 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

# Straight Type Mud Box With Quick Release Bonnet

REF **EFC-423** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN600</b>
Pressure	<b>PN4 (4 bar; PN2.5 above DN500)</b>
End connection	<b>flanged (DIN EN 1092) / flanged (DIN EN 1092) / flanged (ANSI) / flanged (JIS)</b>
Media	<b>Sea cooling water</b>

## STANDARDS

Design	<b>DIN87 151-D Straight</b>
Test	<b>DIN EN 12266</b>

## MATERIALS

Body	<b>GG25, GGG40, GGG40.3, GSC25, Bronze RG5, RG7, RG10, CuSn10, SS304, SS316, Duplex 1.4470</b>	Screen	<b>AISI 304L, AISI 316L, AISI 316Ti, CuNi10Fe</b>
Bonnet	<b>GG25, GGG40, GGG40.3, GSC25, Bronze RG5, RG7, RG10, CuSn10, SS304, SS316, Duplex 1.4470</b>	Ring screw	<b>Galvanized Steel</b>
Stud	<b>Steel, A2, A4</b>	Nut	<b>Steel, A2, A4</b>
Plug	<b>Bronze, AISI 304, AISI 316</b>		

## FEATURES

- Totally stainless steel or bronze discs optional in 3" and bigger sizes

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

STRAINER

## Straight Type Mud Box With Quick Release Bonnet

SECTION Dimensions per size REF EFC-423

SIZE	L	H	H	PN10 D	PN10 K	PN10 OXN	PN16 D	PN16 K	PN16 OXN	WEIGHT
DN40	200	205	95	150	110	Ø18x4	150	110	Ø18x4	14 kg
DN50	230	225	106	165	125	Ø18x4	165	125	Ø18x4	19 kg
DN65	290	260	134	185	145	Ø18x4	185	145	Ø18x4	26 kg
DN80	310	310	156	200	160	Ø18x8	200	160	Ø18x8	33 kg
DN100	350	345	185	220	180	Ø18x8	220	180	Ø18x8	45 kg
DN125	400	395	225	250	210	Ø18x8	250	210	Ø18x8	60 kg
DN150	480	465	265	285	240	Ø22x8	285	240	Ø22x8	86 kg
DN200	600	565	335	340	295	Ø22x12	340	295	Ø22x12	—
DN250	600	610	345	395	350	Ø22x12	405	355	Ø26x12	—
DN300	700	675	390	445	400	Ø22x12	460	410	Ø26x12	—
DN350	800	790	425	505	460	Ø26x16	520	470	Ø26x16	—
DN400	740	900	470	565	515	Ø26x16	580	525	Ø30x16	—
DN500	1000	1100	525	670	620	Ø26x20	715	650	Ø33x20	—
DN600	1100	1100	670	780	725	Ø30x20	840	770	Ø36x20	—

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

FIRE HYDRANT

# Fire Valve Straight Type

REF **EFC-161** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN65</b>
Pressure	<b>PN16</b>
End connection	<b>flanged (EN 1092-3/B)</b>
Face-to-face	<b>Manufacturer standard</b>
Media	<b>water, fire-fighting water</b>

## ACTUATION

- manual handwheel — GG25 or Bronze Rg5 handwheel

## STANDARDS

Design	<b>BS 5041, DIN 86211</b>
Test	<b>EN 12266</b>

## APPLICATIONS

- fire fighting
- fire hydrant systems



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>Bronze Rg5, CuSn10, GS-C25</b>	Disc	<b>Bronze Rg5, CuSn10, GS-C25</b>
Seat	<b>NBR, EPDM</b>	Stem	<b>Cu Zn39Pb3, SS 420, SS316</b>
Gasket	<b>NBR, EPDM, Klingerite</b>	Bonnet	<b>Bronze Rg5, CuSn10, GS-C25</b>
Packing	<b>Graphite, PTFE</b>	Gland	<b>Brass Ms58, SS420</b>
Gland nut	<b>Brass Ms58</b>	Handwheel	<b>GG 25, Bronze Rg5</b>
Bolt	<b>A2 (SS304)</b>	Fixed coupling	<b>Bronze Rg5, Aluminum</b>
Seal coupling	<b>NBR, EPDM</b>	Blind coupling	<b>Bronze Rg5, Aluminum</b>
Chain rope	<b>SS</b>		

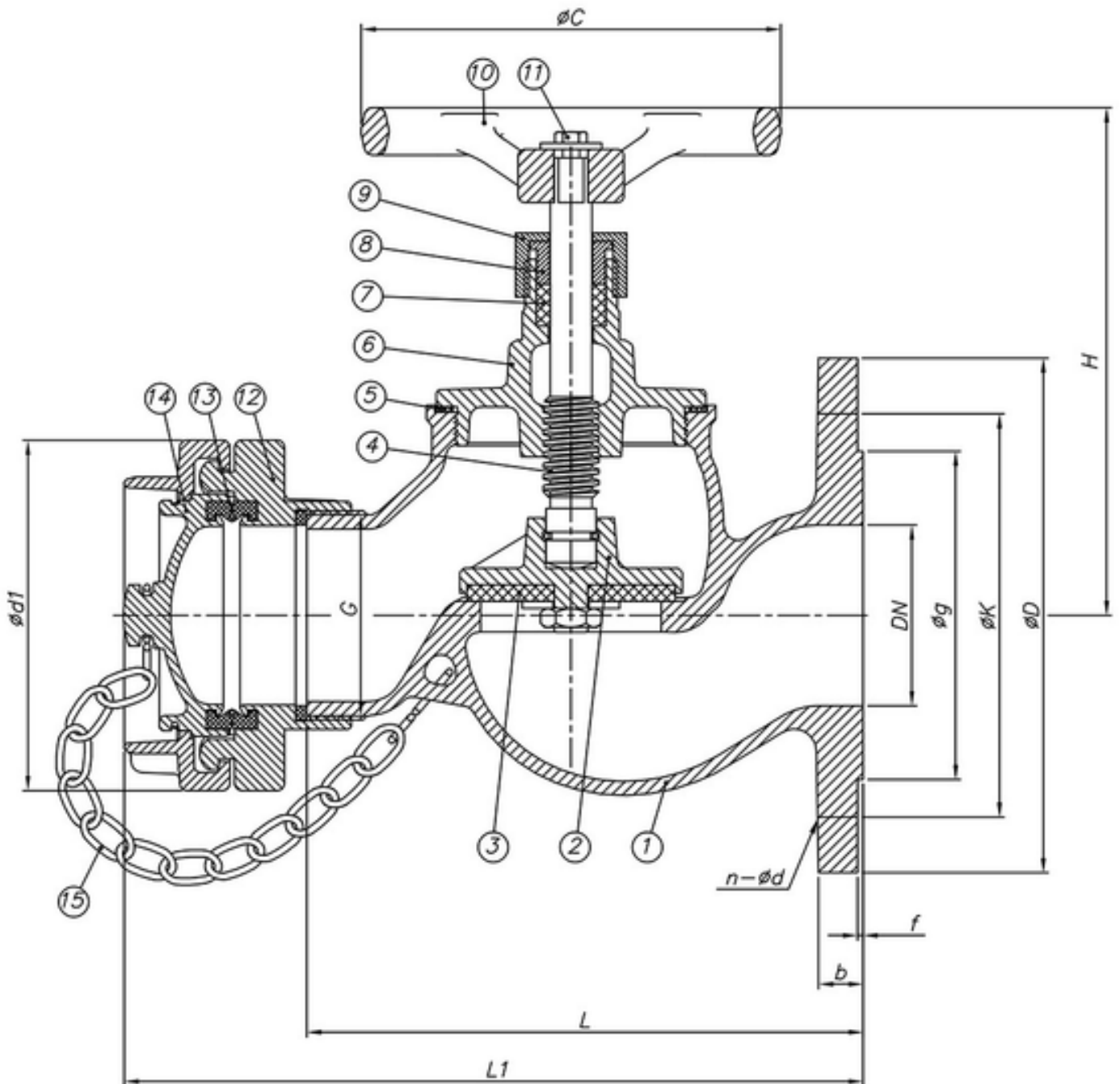
**FEATURES**

- Screwed bonnet construction
- Straight-type body configuration
- Coupling options: Storz, BS 336, Nor, Nakajima
- Flange options available in ASME, JIS, VG in addition to EN 1092-3/B
- Fixed and blind coupling accessories included
- Chain/rope retainer for coupling cap

FIRE HYDRANT

# Fire Valve Straight Type

SECTION Technical drawing 1 REF EFC-161



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

FIRE HYDRANT

# Fire Valve Straight Type

SECTION Dimensions per size REF EFC-161

SIZE	L	L1	H_CLOSE	H_OPEN	G	D1	C	OD	OK	OG	B	F	N_OD	WEIGHT
DN40	150	220	160	170	1-1/2" inch	98	140	150	110	84	14	2	4-18	6.5 kg
DN50	165	235	165	180	2" inch	98	140	165	125	99	16	2	4-18	8 kg
DN65	200	265	185	205	2-1/2" inch	126	150	185	145	118	16	2	4-18	11.5 kg

*Dimensions in inches unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-161** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

FIRE HYDRANT

# Angle Type Fire Valve

REF **EFC-162** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN65</b>
Pressure	<b>PN16</b>
End connection	<b>flanged (EN 1092-3/B)</b>
Face-to-face	<b>DIN 86211</b>

## ACTUATION

- manual handwheel — GG 25 or Bronze Rg5 handwheel

## STANDARDS

Design	<b>BS 5041, DIN 86211</b>
Test	<b>EN 12266</b>

## MATERIALS

Body	<b>Bronze Rg5, CuSn10, GS-C25</b>	Disc	<b>Bronze Rg5, CuSn10, GS-C25</b>
Seat	<b>NBR, EPDM</b>	Stem	<b>Cu Zn39Pb3, SS 420, SS316</b>
Gasket	<b>NBR, EPDM, Klingerite</b>	Bonnet	<b>Bronze Rg5, CuSn10, GS-C25</b>
Packing	<b>Graphite, PTFE</b>	Gland	<b>Brass Ms58, SS420</b>
Gland nut	<b>Brass Ms58</b>	Handwheel	<b>GG 25, Bronze Rg5</b>
Bolt	<b>A2 (SS304)</b>	Fixed coupling	<b>Bronze Rg5, Aluminum</b>
Seal coupling	<b>NBR, EPDM</b>	Blind coupling	<b>Bronze Rg5, Aluminum</b>
Chain rope	<b>SS</b>		

## FEATURES

- Screwed bonnet design
- Angle type configuration
- Compatible with Storz, BS 336, Nor, and Nakajima coupling standards
- Flange options available: ASME, JIS, VG
- Fixed and blind coupling options included
- Chain/rope retainer for blind coupling in stainless steel

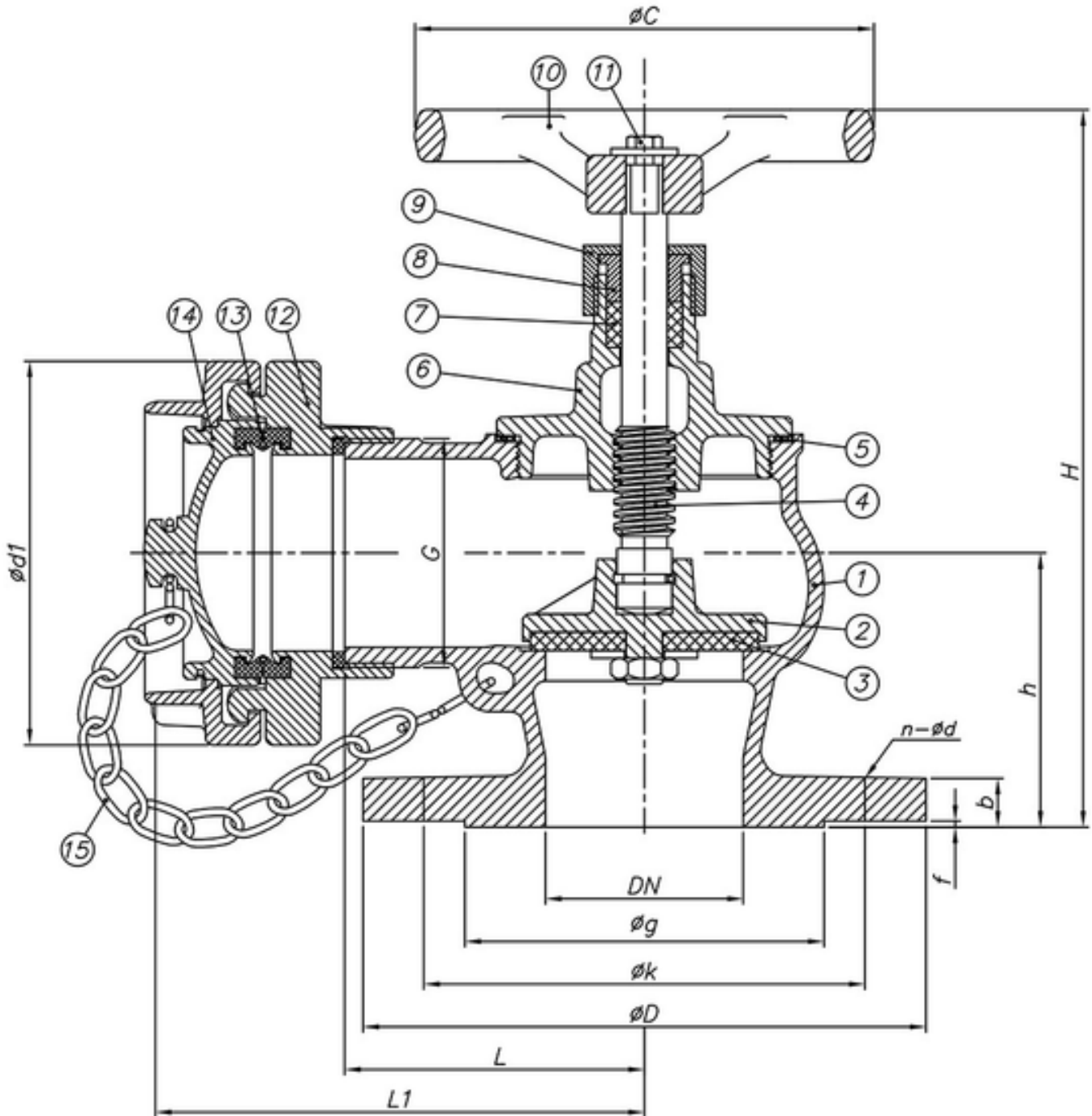
Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.



FIRE HYDRANT

# Angle Type Fire Valve

SECTION Technical drawing 1 REF EFC-162



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

FIRE HYDRANT

# Angle Type Fire Valve

SECTION Dimensions per size REF EFC-162

SIZE	L	L1	HH_CLOSED	H_OPEN	D1	C	OD	OK	OG	B	F	WEIGHT	
DN40	75	145	65	200	215	98	140	150	110	84	14	2	6 kg
DN50	75	145	75	210	225	98	140	165	125	99	16	2	7.3 kg
DN65	95	160	90	235	255	126	150	185	145	118	16	2	10.5 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-162** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

FIRE HYDRANT

# Angle Type 30 Oblique Type Fire Valve

REF **EFC-163** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN65</b>
Pressure	<b>PN16</b>
End connection	<b>flanged (EN 1092-3/B) / flanged (ASME) / flanged (JIS) / flanged (VG)</b>
Face-to-face	<b>Manufacturer standard</b>

## ACTUATION

- manual handwheel — GG 25 or Bronze Rg5 handwheel

## STANDARDS

Design	<b>BS 5041, DIN 86211</b>
Test	<b>EN 12266</b>

## MATERIALS

Body	<b>Bronze Rg5, CuSn10, GS-C25</b>	Disc	<b>Bronze Rg5, CuSn10, GS-C25</b>
Seal	<b>NBR, EPDM</b>	Stem	<b>Cu Zn39Pb3, SS 420, SS316</b>
Gasket	<b>NBR, EPDM, Klingerite</b>	Bonnet	<b>Bronze Rg5, CuSn10, GS-C25</b>
Packing	<b>Graphite, PTFE</b>	Gland	<b>Brass Ms58, SS420</b>
Gland nut	<b>Brass Ms58</b>	Handwheel	<b>GG 25, Bronze Rg5</b>
Bolt	<b>A2 (SS304)</b>	Fixed coupling	<b>Bronze Rg5, Aluminum</b>
Seal 13	<b>NBR, EPDM</b>	Blind coupling	<b>Bronze Rg5, Aluminum</b>
Chain rope	<b>SS</b>		

## FEATURES

- 30° oblique body configuration
- Screwed bonnet design
- Coupling options: Storz, BS 336, Nor, Nakajima
- Fixed and blind coupling accessories
- Chain/rope retention for blind coupling

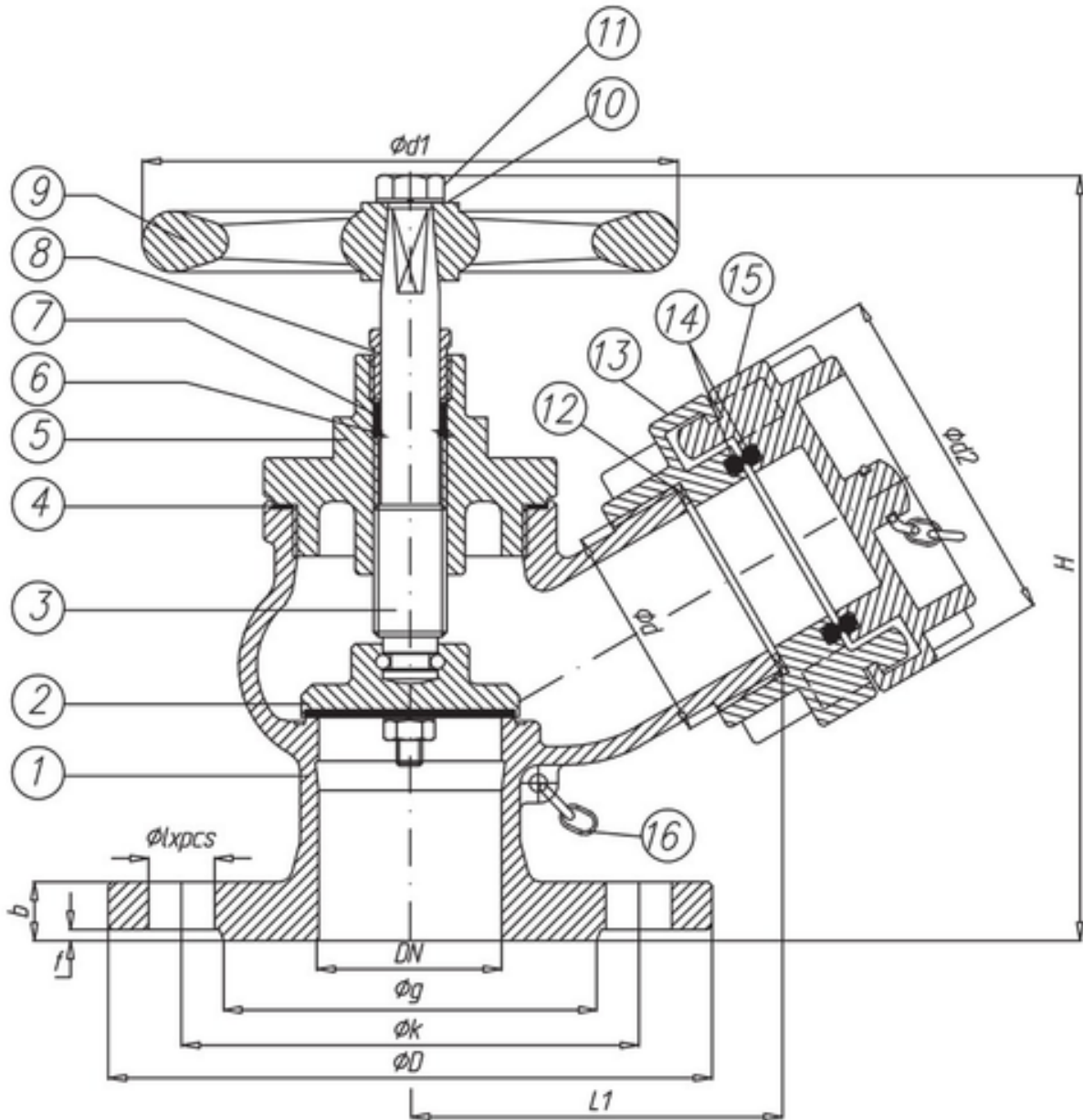
Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.



FIRE HYDRANT

# Angle Type 30 Oblique Type Fire Valve

SECTION Technical drawing 1 REF EFC-163



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

FIRE HYDRANT

# Angle Type 30 Oblique Type Fire Valve

SECTION Dimensions per size REF EFC-163

SIZE	L	L1	H_CLOSE	H_OPEN	G	D1	C	OD	OK	OG	B	F	N_OD	WEIGHT
DN40	85	151	200	210	1-1/2"	98	140	150	110	84	14	2	4-18	6.4 kg
DN50	96	159	205	220	2"	98	140	165	125	99	16	2	4-18	7.7 kg
DN65	116	180	235	255	2-1/2"	126	150	185	145	118	16	2	4-18	11.4 kg

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-163** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

FIRE HYDRANT

# Threaded Angle Type Fire Valve

REF **EFC-164** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN65</b>
Pressure	<b>PN16</b>
End connection	<b>threaded (ISO 228-1) / flanged (EN 1092-3/B)</b>
Media	<b>water, fire fighting water</b>

## ACTUATION

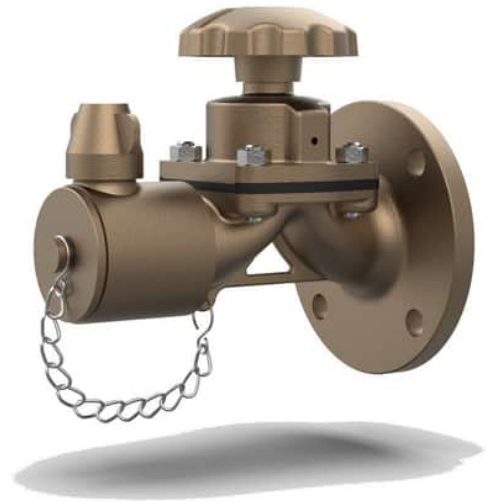
- manual handwheel — GG 25 or Bronze Rg5 handwheel

## STANDARDS

Design	<b>DIN 86211</b>
Test	<b>EN 12266</b>

## APPLICATIONS

- fire fighting
- fire hydrant systems



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>Bronze Rg5, CuSn10, GS-C25</b>	Disc	<b>Bronze Rg5, CuSn10, GS-C25</b>
Seat	<b>NBR, EPDM</b>	Stem	<b>Cu Zn39Pb3, SS 420, SS316</b>
Gasket	<b>NBR, EPDM, Klingerite</b>	Bonnet	<b>Bronze Rg5, CuSn10, GS-C25</b>
Packing	<b>Graphite, PTFE</b>	Gland	<b>Brass Ms58, SS420</b>
Gland nut	<b>Brass Ms58</b>	Handwheel	<b>GG 25, Bronze Rg5</b>
Bolt	<b>A2 (SS304)</b>	Fixed coupling	<b>Bronze Rg5, Aluminum</b>
Coupling seal	<b>NBR, EPDM</b>	Blind coupling	<b>Bronze Rg5, Aluminum</b>
Chain rope	<b>SS</b>		

**FEATURES**

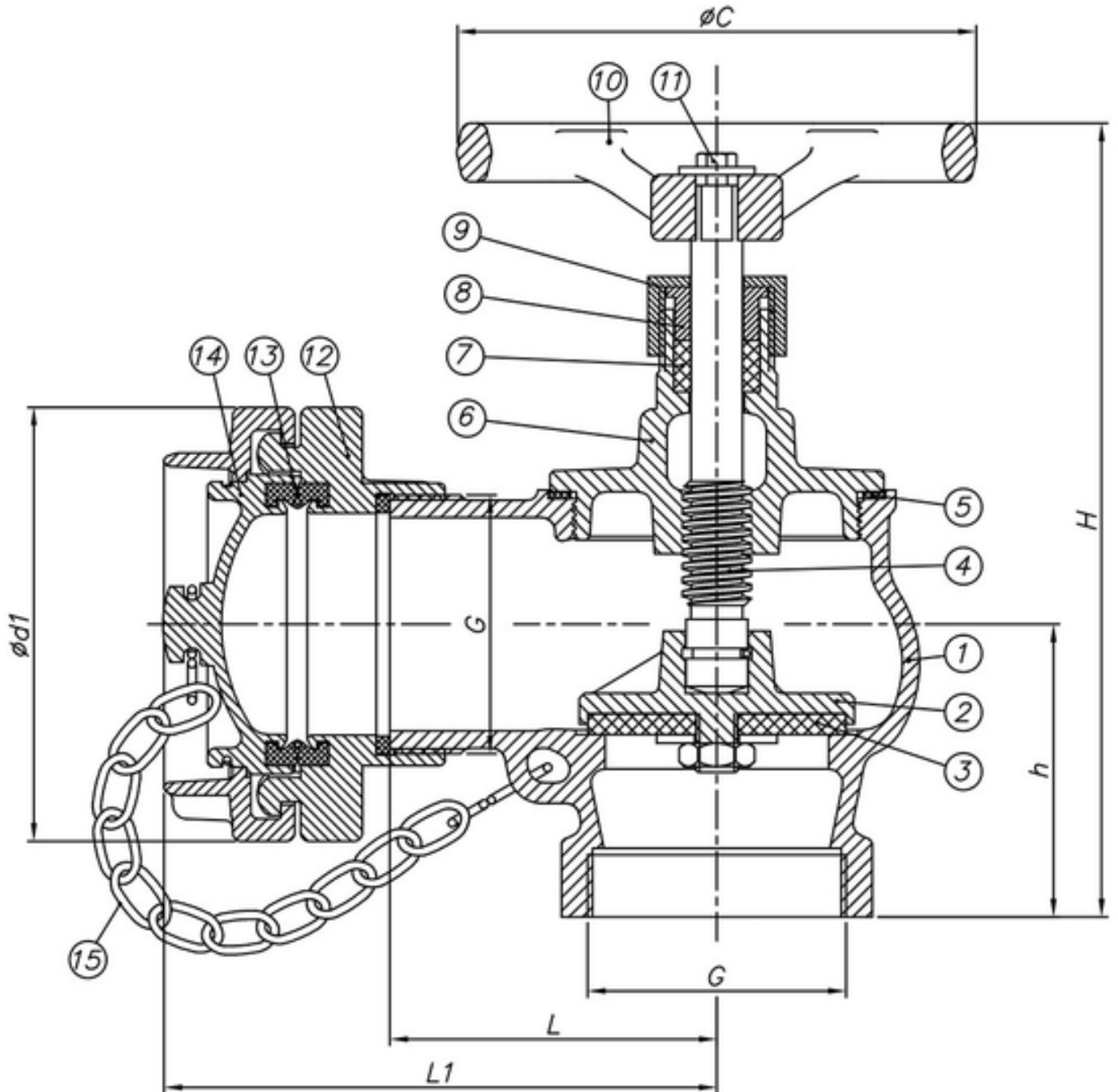
- Angle type configuration
- BSP threaded inlet connection per ISO 228-1
- Compatible with Storz, BS 336, Nor, and Nakajima coupling options
- Fixed and blind coupling options available
- Chain/rope retainer for blind coupling
- Flange outlet to EN 1092-3/B PN10/PN16

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

FIRE HYDRANT

# Threaded Angle Type Fire Valve

SECTION Technical drawing 1 REF EFC-164



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

FIRE HYDRANT

# Threaded Angle Type Fire Valve

SECTION Dimensions per size REF EFC-164

SIZE	L	L1	HH_CLOSEDHH_OPEN		G	D1	C	OD	OK	OG	B	F	N_OD	WEIGHT	
DN40	75	145	65	200	215	1-1/2" BSP	98	140	150	110	84	14	2	4-18	6 kg
DN50	75	145	75	210	225	2" BSP	98	140	165	125	99	16	2	4-18	7.3 kg
DN65	95	160	90	235	255	2-1/2" BSP	126	150	185	145	118	16	2	4-18	10.5 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-164** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

FIRE HYDRANT

## Fire Valve Straight Type (Bolted Bonnet)

REF **EFC-166** ISSUED 08 Jul 2026

### SPECIFICATIONS

Size	<b>DN40 to DN65</b>
Pressure	<b>PN16</b>
End connection	<b>flanged (EN 1092-3/B)</b>
Face-to-face	<b>Manufacturer standard</b>
Media	<b>water, fire-fighting water</b>

### ACTUATION

- manual handwheel — GG25 or Bronze Rg5 handwheel

### STANDARDS

Design	<b>BS 5041, DIN 86211</b>
Test	<b>EN 12266</b>

### APPLICATIONS

- fire fighting
- fire hydrant systems



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>Bronze Rg5, CuSn10, GS-C25</b>	Disc	<b>Bronze Rg5, CuSn10, GS-C25</b>
Seat	<b>NBR, EPDM</b>	Stem	<b>Cu Zn39Pb3, SS 420, SS316</b>
Gasket	<b>NBR, EPDM, Klingerite</b>	Bonnet	<b>Bronze Rg5, CuSn10, GS-C25</b>
Packing	<b>Graphite, PTFE</b>	Gland	<b>Brass Ms58, SS420</b>
Gland nut	<b>Brass Ms58</b>	Handwheel	<b>GG 25, Bronze Rg5</b>
Bolt	<b>A2 (SS304)</b>	Fixed coupling	<b>Bronze Rg5, Aluminum</b>
Seal	<b>NBR, EPDM</b>	Blind coupling	<b>Bronze Rg5, Aluminum</b>
Chain rope	<b>SS</b>	Bolt nut	<b>A2 (SS304)</b>

**FEATURES**

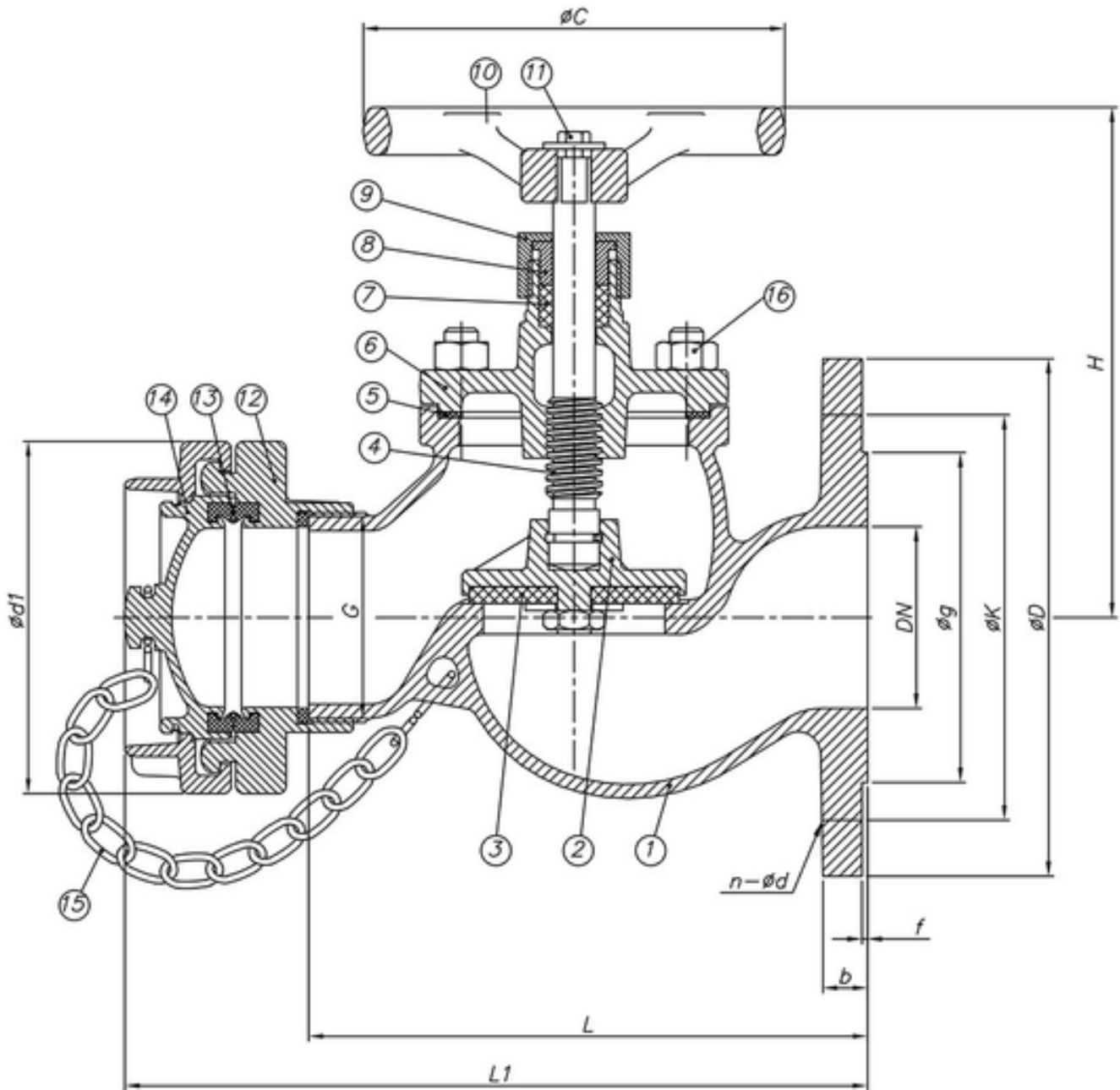
- Bolted bonnet construction
- Straight-type body configuration
- Compatible with Storz, BS 336, Nor, and Nakajima couplings
- Fixed coupling and blind coupling included
- Chain/rope retainer for coupling cap
- Flange options available in ASME, JIS, and VG standards in addition to EN 1092-3/B

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

FIRE HYDRANT

# Fire Valve Straight Type (Bolted Bonnet)

SECTION Technical drawing 1 REF EFC-166



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

FIRE HYDRANT

## Fire Valve Straight Type (Bolted Bonnet)

SECTION Dimensions per size REF EFC-166

SIZE	L	L1	H_CLOSE	H_OPEN	G	D1	C	OD	OK	OG	B	F	N_OD	WEIGHT
DN40	150	220	160	170	1-1/2" inch	98	140	150	110	84	14	2	4-18	6.8 kg
DN50	165	235	165	180	2" inch	98	140	165	125	99	16	2	4-18	8.2 kg
DN65	200	265	185	205	2-1/2" inch	126	150	185	145	118	16	2	4-18	12.2 kg

*Dimensions in inches unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-166** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

FIRE HYDRANT

# Angle Type Fire Valve (Bolted Bonnet)

REF **EFC-167** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN40 to DN65</b>
Pressure	<b>PN16</b>
End connection	<b>flanged (EN 1092-3/B) / flanged (ASME) / flanged (JIS) / flanged (VG)</b>
Face-to-face	<b>Manufacturer standard</b>

## ACTUATION

- manual handwheel — GG 25 or Bronze Rg5 handwheel

## STANDARDS

Design	<b>BS 5041, DIN 86211</b>
Test	<b>EN 12266</b>

## APPLICATIONS

- Fire fighting systems
- Fire hydrant installations



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>Bronze Rg5, CuSn10, GS-C25</b>	Disc	<b>Bronze Rg5, CuSn10, GS-C25</b>
Seat	<b>NBR, EPDM</b>	Stem	<b>Cu Zn39Pb3, SS 420, SS316</b>
Gasket	<b>NBR, EPDM, Klingerite</b>	Bonnet	<b>Bronze Rg5, CuSn10, GS-C25</b>
Packing	<b>Graphite, PTFE</b>	Gland	<b>Brass Ms58, SS420</b>
Gland nut	<b>Brass Ms58</b>	Handwheel	<b>GG 25, Bronze Rg5</b>
Bolt	<b>A2 (SS304)</b>	Fixed coupling	<b>Bronze Rg5, Aluminum</b>
Seal coupling	<b>NBR, EPDM</b>	Blind coupling	<b>Bronze Rg5, Aluminum</b>
Chain rope	<b>SS</b>	Bolt nut	<b>A2 (SS304)</b>

**FEATURES**

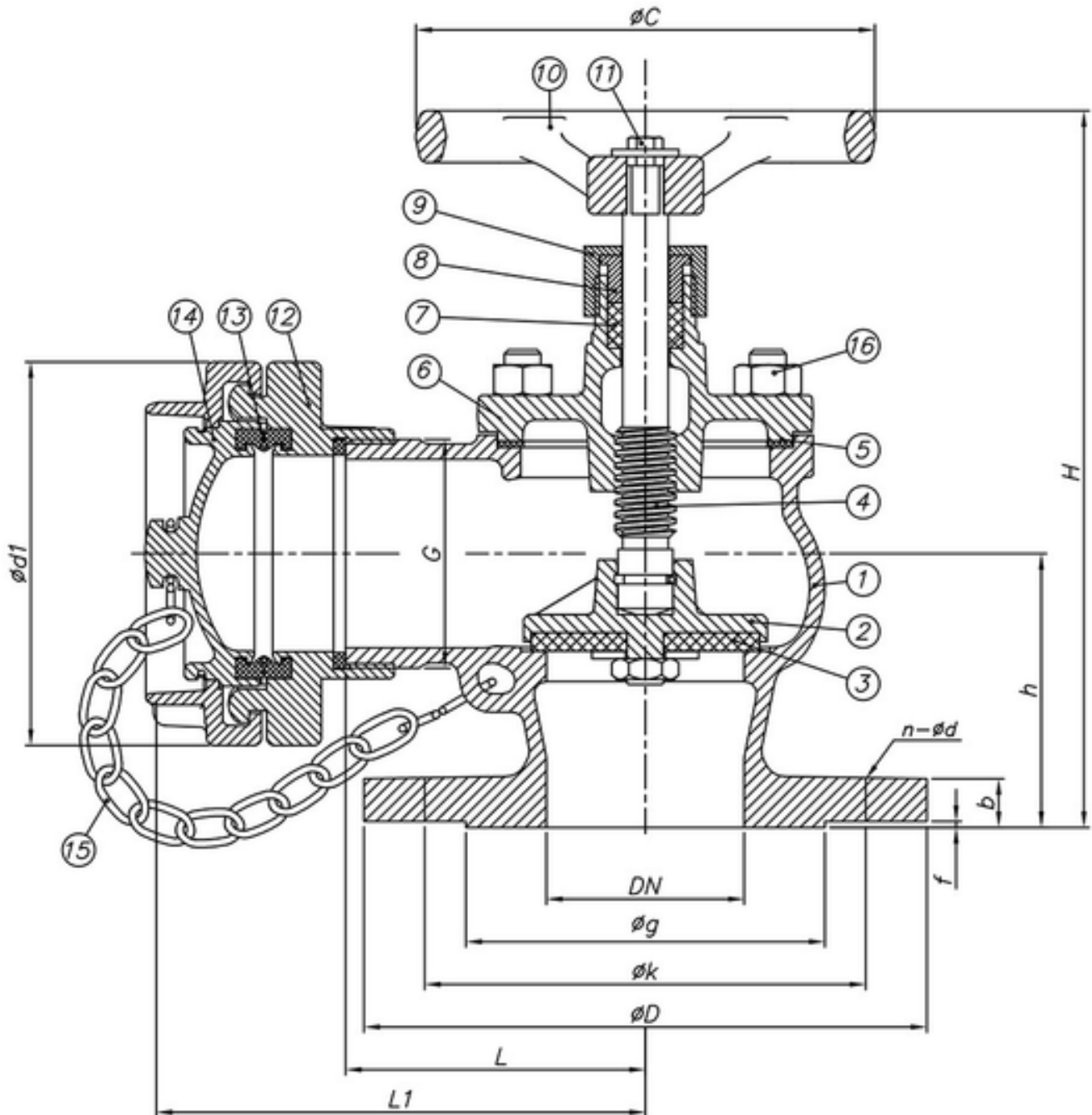
- Angle-type body configuration
- Bolted bonnet construction
- Multiple coupling options: Storz, BS 336, Nor, Nakajima
- Fixed coupling and blind coupling (dust cap) included
- Chain/rope retention for blind coupling
- Multiple flange standard options: EN 1092-3/B, ASME, JIS, VG

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

FIRE HYDRANT

# Angle Type Fire Valve (Bolted Bonnet)

SECTION Technical drawing 1 REF EFC-167



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

FIRE HYDRANT

## Angle Type Fire Valve (Bolted Bonnet)

SECTION Dimensions per size REF EFC-167

SIZE	L	L1	HH_CLOSEDHH_OPEN		G	D1	C	OD	OK	OG	B	F	N_OD	WEIGHT	
DN40	75	145	65	200	215	1-1/2" inch	98	140	150	110	84	14	2	4-18	6.4 kg
DN50	75	145	75	210	225	2" inch	98	140	165	125	99	16	2	4-18	7.7 kg
DN65	95	160	90	235	255	2-1/2" inch	126	150	185	145	118	16	2	4-18	11.3 kg

*Dimensions in inches unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-167** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

FIRE HYDRANT

# Angle Type 30 Oblique Type Fire Valve (Bolted Bonnet)

REF **EFC-168** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN65</b>
Pressure	<b>PN16</b>
End connection	<b>flanged (EN 1092-3/B) / flanged (ASME) / flanged (JIS) / flanged (VG)</b>
Face-to-face	<b>Manufacturer standard</b>
Media	<b>water, firefighting water</b>

## ACTUATION

- manual handwheel — GG 25 or Bronze Rg5 handwheel

## STANDARDS

Design	<b>BS 5041, DIN 86211</b>
Test	<b>EN 12266</b>

## APPLICATIONS

- fire fighting
- fire hydrant systems



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>Bronze Rg5, CuSn10, GS-C25</b>	Disc	<b>Bronze Rg5, CuSn10, GS-C25</b>
Seat	<b>NBR, EPDM</b>	Stem	<b>Cu Zn39Pb3, SS 420, SS316</b>
Gasket	<b>NBR, EPDM, Klingerite</b>	Bonnet	<b>Bronze Rg5, CuSn10, GS-C25</b>
Packing	<b>Graphite, PTFE</b>	Gland	<b>Brass Ms58, SS420</b>
Gland nut	<b>Brass Ms58</b>	Handwheel	<b>GG 25, Bronze Rg5</b>
Bolt	<b>A2 (SS304)</b>	Fixed coupling	<b>Bronze Rg5, Aluminum</b>
Seal coupling	<b>NBR, EPDM</b>	Blind coupling	<b>Bronze Rg5, Aluminum</b>
Chain rope	<b>SS</b>	Bolt nut	<b>A2 (SS304)</b>

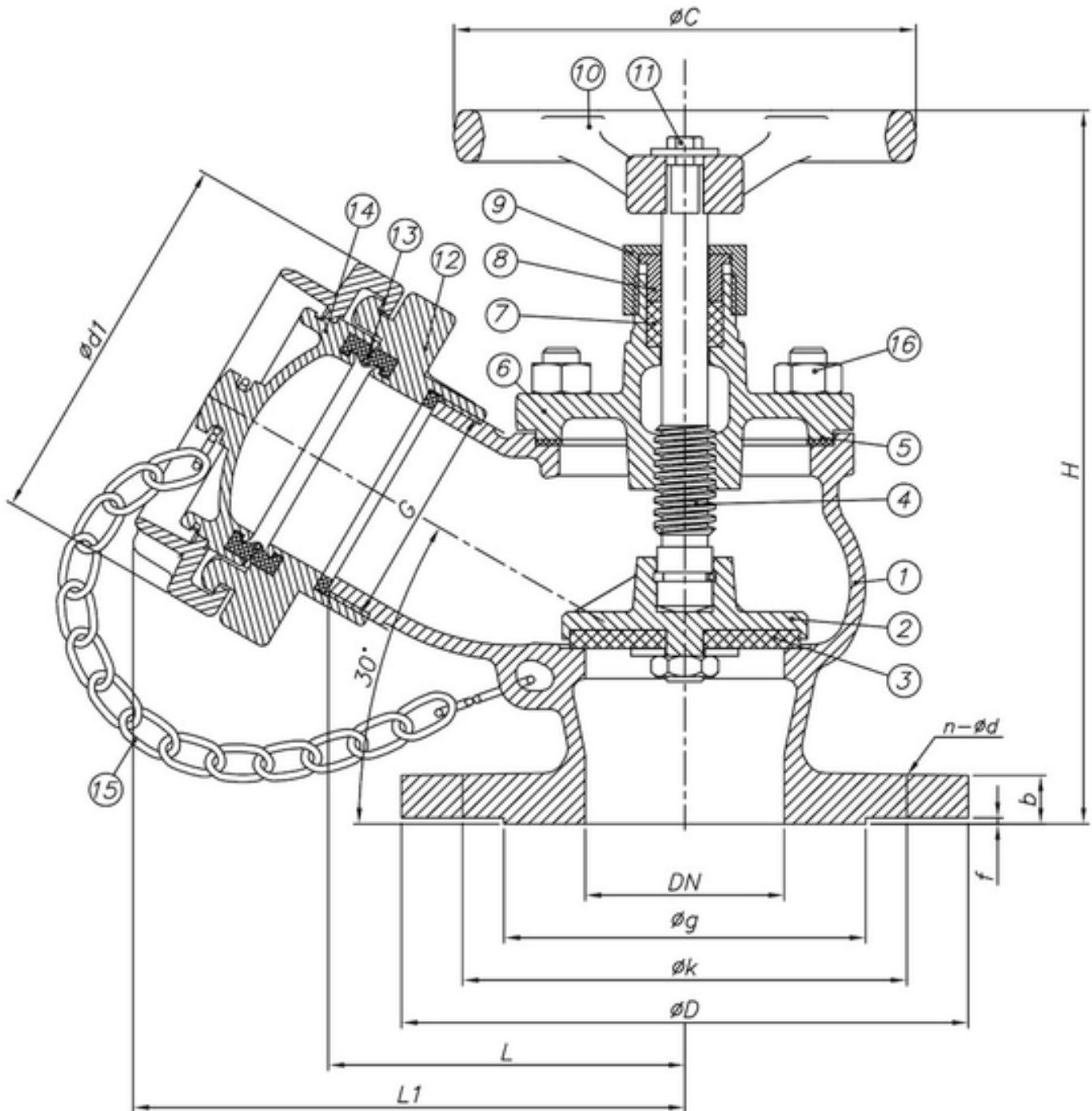
**FEATURES**

- 30° oblique body angle
- Bolted bonnet construction
- Coupling options: Storz, BS 336, Nor, Nakajima
- Chain/rope retainer for coupling cap
- Flange options available in ASME, JIS, VG in addition to EN 1092-3/B

FIRE HYDRANT

# Angle Type 30 Oblique Type Fire Valve (Bolted Bonnet)

SECTION Technical drawing 1 REF EFC-168



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

FIRE HYDRANT

## Angle Type 30 Oblique Type Fire Valve (Bolted Bonnet)

SECTION Dimensions per size REF EFC-168

SIZE	L	L1	H_CLOSE	H_OPEN	G	D1	C	OD	OK	OG	B	F	N_OD	WEIGHT
DN40	150	220	160	170	1-1/2" inch	98	140	150	110	84	14	2	4-18	6.8 kg
DN50	165	235	165	180	2" inch	98	140	165	125	99	16	2	4-18	8.2 kg
DN65	200	265	185	205	2-1/2" inch	126	150	185	145	118	16	2	4-18	12.2 kg

*Dimensions in inches unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-168** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

BRONZE MARINE VALVE

# Wafer Type Butterfly Valve (Marine)

REF **EFC-198** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN600</b>
Pressure	<b>PN16-25</b>
End connection	<b>wafer (TS 810) / wafer (TS 810) / wafer (DIN 2501)</b>



## MATERIALS

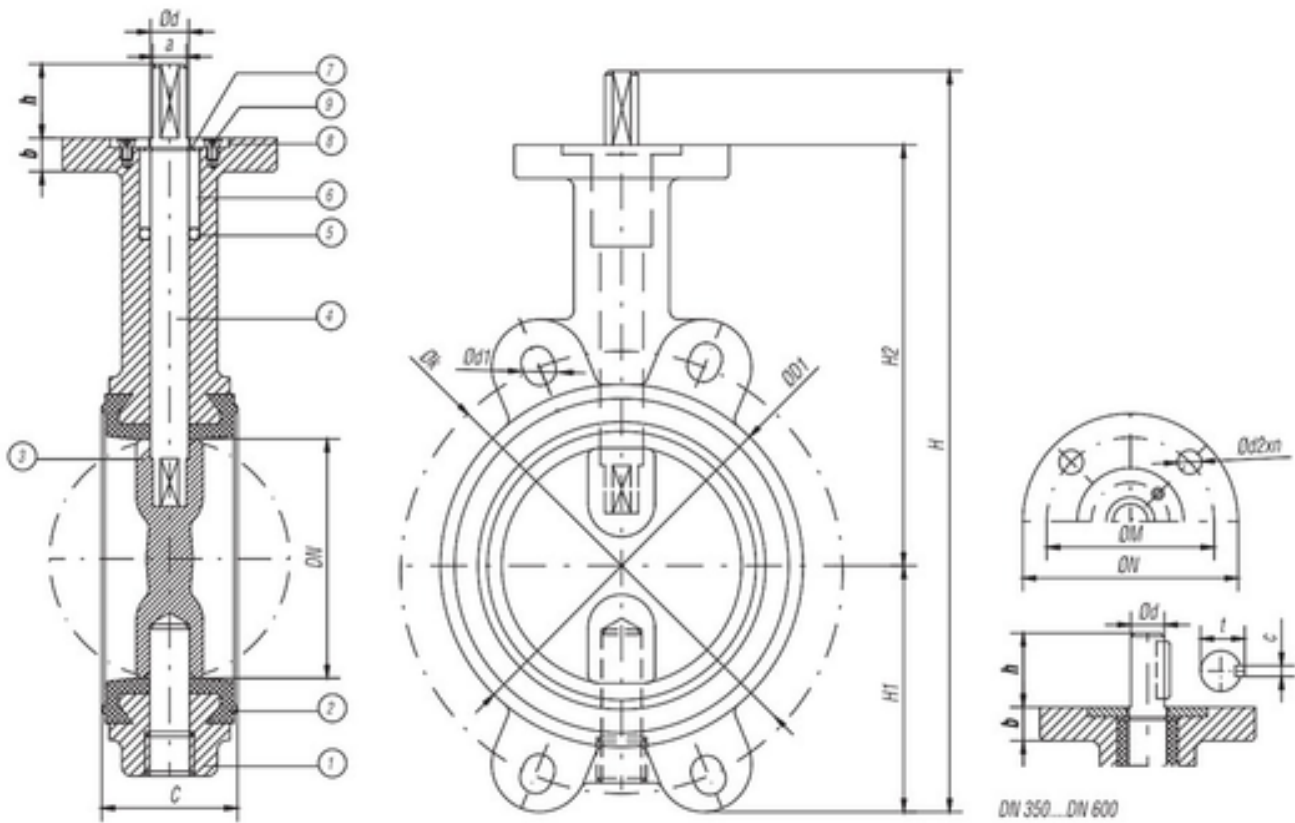
Body	<b>GG 25, GGG 40, GGG 50, GS-C 25, AISI 304</b>	Gasket	<b>EPDM, BUNA-N</b>
Disc	<b>GGG 40, AISI 304, AISI 316, Bronze</b>	Stem	<b>AISI 420, AISI 316</b>
O ring	<b>EPDM, BUNA-N</b>	Gland bush	<b>PVC, PTFE</b>
Segment	<b>St</b>	Washer	<b>Sr-37</b>
Bolt	<b>5D, S.S</b>		

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BRONZE MARINE VALVE

# Wafer Type Butterfly Valve (Marine)

SECTION Technical drawing 1 REF EFC-198



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BRONZE MARINE VALVE

# Wafer Type Butterfly Valve (Marine)

SECTION Dimensions per size REF EFC-198

SIZE	C	H1	H2H_KOL-H_RE-LU DUK-TORLU	OD1	ON	OMOD2XAD	BSTEM_C	STEM_C	PN6_ORN6_OD	PN10_OD	PN16_OD	PN16_OD	PN16_OD	PN16_OD	PN16_OD	PN16_OD	PN16_OD	PN16_OD	PN16_OD	WEIGHT
DN50	43	67	140 237 275	94	90	70 Ø10x4	12	14	12	31	110 Ø14x4	125 Ø18x4	125 Ø18x4	—	—	—	—	—	3.5 kg	
DN65	46	74	152 254 294	112	90	70 Ø10x4	12	14	12	31	130 Ø14x4	145 Ø18x4	145 Ø18x4	—	—	—	—	—	—	
DN80	46	96	159 283 323	126	90	70 Ø10x4	12	14	12	31	150 Ø14x4	160 Ø18x4	160 Ø18x4	—	—	—	—	—	4.4 kg	
DN100	52	110	177 315 355	152	90	70 Ø10x4	12	16	14	31	170 Ø14x4	180 Ø18x4	180 Ø18x4	—	—	—	—	—	—	
DN125	56	122	190 340 380	185	152	125 Ø14x4	15.5	16	14	31	200 Ø14x4	210 Ø18x4	210 Ø23x4	—	—	—	—	—	7.3 kg	
DN150	56	136	203 367 407	210	152	125 Ø14x4	15.5	20	17	38	225 Ø18x4	240 Ø23x4	240 Ø23x4	—	—	—	—	—	8.5 kg	
DN200	60	160	241 439 480	262	152	125 Ø14x4	15.5	22	19	38	280 Ø18x4	295 Ø23x4	295 Ø23x4	—	—	—	—	—	15.8 kg	
DN250	68	201	273 512 553	316	175	140 Ø19x4	20	28	25	38	335 Ø18x4	350 Ø23x4	355 Ø23x4	—	—	—	—	—	22.4 kg	
DN300	78	237	311 600 630	372	175	140 Ø19x4	20	28	25	38	395 22x4	400 Ø23x4	410 Ø27x4	—	—	—	—	—	32.9 kg	
DN350	78	267	350 — 784	—	175	140 Ø19x4	23	42	—	105	—	—	460 Ø27x4	470 Ø27x4	45	12	—	—	54 kg	
DN400	102	302	375 — 844	—	210	165 Ø23x8	23	48	—	105	—	—	515 Ø27x4	525 Ø27x4	51.5	14	—	—	76 kg	
DN450	114	325	400 — 892	—	210	165 Ø23x8	25	52	—	105	—	—	565 Ø27x4	585 Ø30x4	56	16	—	—	93 kg	
DN500	127	362	450 — 1008	—	210	165 Ø23x8	25	58	—	130	—	—	620 Ø27x4	650 Ø30x4	62	18	—	—	133 kg	
DN600	154	422	510 — 1128	—	210	165 Ø23x8	25	68	—	130	—	—	725 Ø30x4	770 33x4 / 36x4	72.5	20	—	—	198 kg	

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BRONZE MARINE VALVE

# LUG Type Butterfly Valve (Marine)

REF **EFC-199** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN600</b>
Pressure	<b>PN16 (16 bar)</b>
End connection	<b>lug (DIN 2501) / lug (DIN 2501) / lug (DIN 2501)</b>

## ACTUATION

- manual lever — handle operated — ISO 5211/1
- gearbox — worm gear reducer — ISO 5211/1



## MATERIALS

Body	<b>GG 25, GGG 40, GGG 50, GS-C 25, AISI 304</b>	Gasket	<b>EPDM, BUNA-N</b>
Disc	<b>GGG 40, AISI 316, Bronze</b>	Stem	<b>AISI 420, AISI 316</b>
O ring	<b>EPDM, BUNA-N</b>	Gland bush	<b>PVC, PTFE</b>
Segment	<b>St</b>	Washer	<b>St-37</b>
Bolt	<b>5D, S.S</b>		

## FEATURES

- Lug body design allowing end-of-line service without downstream flange
- Concentric disc geometry
- Replaceable elastomer seat (EPDM or BUNA-N)
- Stainless steel or bronze disc options
- ISO 5211/1 top flange for direct actuator mounting
- Available in multiple body materials including grey cast iron, ductile iron, cast steel and stainless steel
- PTFE or PVC gland bush options
- Stem available in AISI 420 or AISI 316

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BRONZE MARINE VALVE

# LUG Type Butterfly Valve (Marine)

SECTION Dimensions per size REF EFC-199

SIZE	C	H1	H2H_HANH_GEA REDD1				ON	OMOD2XAD	BSTEM_C	STEM_C	PN6_ORN6_ODPN6	PN10_ODPN10	PN16_ODPN16	STEM_C	WEIGHT				
DLE																			
DN50	43	67	140	237	275	94	90	70 Ø10x4	12	14	12	31	110 M12x4	125 M16x4	125 M16x4	—	—	4.6 kg	
DN65	46	74	152	254	294	112	90	70 Ø10x4	12	14	12	31	130 M12x4	145 M16x4	145 M16x4	—	—	5.2 kg	
DN80	46	96	159	283	323	112	90	70 Ø10x4	12	14	12	31	150 M16x4	160 M16x4	160 M16x4	—	—	6.8 kg	
DN100	52	110	177	315	355	126	152	125 Ø14x4	12	16	14	31	170 M16x4	180 M16x4	180 M16x4	—	—	8.5 kg	
DN125	56	122	190	340	380	152	152	125 Ø14x4	15.5	16	14	31	200 M16x4	210 M16x8	210 M16x8	—	—	10.5 kg	
DN150	56	136	203	367	407	185	152	125 Ø14x4	15.5	20	17	38	225 M16x8	240 M16x8	240 M16x8	—	—	12.5 kg	
DN200	60	160	241	439	480	210	152	125 Ø14x4	15.5	22	17	38	280 M16x8	295 M20x8	295 M20x8	—	—	20.2 kg	
DN250	68	201	273	512	553	262	175	140 Ø19x4	20	28	19	38	335M16x12	350M20x12	355M20x12	—	—	29.5 kg	
DN300	78	237	311	600	630	316	175	140 Ø19x4	20	28	19	38	395M20x12	400M20x12	410M20x12	—	—	46.5 kg	
DN350	102	267	350	—	784	—	210	165 Ø23x8	23	42	—	105	—	—	460M20x16	470M24x16	45	12	71 kg
DN400	102	302	375	—	844	—	210	165 Ø23x8	23	48	—	105	—	—	515M24x16	525M27x16	51.5	14	107 kg
DN450	114	325	400	—	892	—	210	165 Ø23x8	25	52	—	105	—	—	565M24x20	585M27x20	56	16	140 kg
DN500	127	362	450	—	1008	—	210	165 Ø23x8	25	58	—	130	—	—	620M27x20	650M27x20	62	18	186 kg
DN600	154	422	510	—	1128	—	210	165 Ø23x8	25	68	—	130	—	—	725M27x20	770M33x20	72.5	20	267 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BRONZE MARINE VALVE

# U-Type Double Flanged Butterfly Valve (Marine)

REF **EFC-205** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN40 to DN1400</b>
Pressure	<b>PN10, PN16, Class 150</b>
End connection	<b>flanged (DIN EN 1092) / flanged (DIN EN 1092) / flanged (BS 4504)</b>
Face-to-face	<b>DIN 3337/K1, DIN EN 558-1-20, ISO 5752/20-5</b>

## ACTUATION

- gearbox — GGG-40 gearbox (Di\_li Kutusu) — ISO 5211/1



## MATERIALS

Body	<b>GG 25, GGG 40, GGG 50, GS-C 25</b>	Gasket	<b>EPDM, NBR, VITON</b>
Disc	<b>GGG 40, SS, Bronze</b>	Stem	<b>AISI 420, AISI 316</b>
O ring	<b>EPDM, NBR, VITON</b>	Gland bush	<b>PTFE, Bronze</b>
Segment	<b>St, SS</b>	Washer	<b>St-37, SS, Bronze</b>
Bolt	<b>A2, A4, SS</b>	Gearbox	<b>GGG-40</b>

## FEATURES

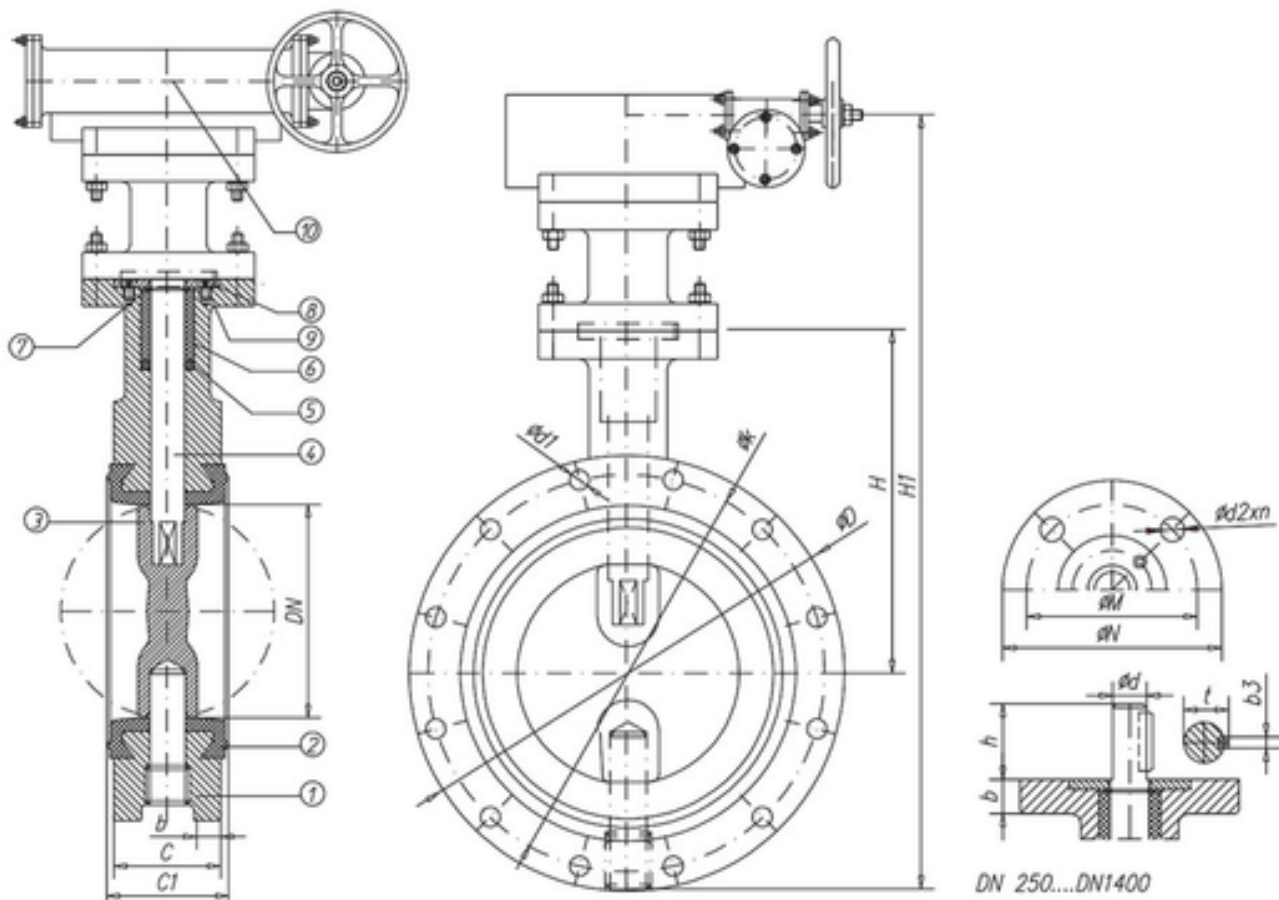
- Double-flanged construction compatible with DIN EN 1092 flanges
- Multiple body material options: grey cast iron, ductile iron, cast steel
- Seat options in EPDM, NBR, or Viton for compatibility with various media
- Stainless steel stem in AISI 420 or AISI 316
- Disc available in ductile iron, stainless steel, or bronze
- ISO 5211/1 top flange for actuator mounting
- Gland bush in PTFE or bronze
- Available in PN10, PN16, and Class 150 pressure ratings
- Size range DN40 to DN1400

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BRONZE MARINE VALVE

# U-Type Double Flanged Butterfly Valve (Marine)

SECTION Technical drawing 1 REF EFC-205



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BRONZE MARINE VALVE

## U-Type Double Flanged Butterfly Valve (Marine)

SECTION Dimensions per size REF EFC-205

SIZE	D	K	BOLTS	C	C1	H	H1	B	TOP N	TOP M	TOP D2XAD	TOP B1	STEM D	STEM H	STEM B3	STEM T	WEIGHT
<b>DN40 (PN16)</b>	150	110	4xØ18	33	37	130	260	10	65	50	4xØ7	10	Ø14x9	32	8	—	4 kg
<b>DN40 (PN10)</b>	150	110	4xØ18	33	37	130	260	10	65	50	4xØ7	10	Ø14x9	32	8	—	4 kg
<b>DN40 (Class150)</b>	127	98.5	4xØ16	33	37	130	260	10	65	50	4xØ7	10	Ø14x9	32	8	—	4 kg
<b>DN50 (PN16)</b>	165	125	4xØ18	43	47	140	295	10	65	50	4xØ7	10	Ø14x9	32	8	—	5 kg
<b>DN50 (PN10)</b>	165	125	4xØ18	43	47	140	295	10	65	50	4xØ7	10	Ø14x9	32	8	—	5 kg
<b>DN50 (Class150)</b>	152.5	120.7	4xØ19	43	47	140	295	10	65	50	4xØ7	10	Ø14x9	32	8	—	5 kg
<b>DN65 (PN16)</b>	185	145	4xØ18	46	50	152	310	11	65	50	4xØ7	10	Ø14x9	32	8	—	7 kg
<b>DN65 (PN10)</b>	185	145	4xØ18	46	50	152	310	11	65	50	4xØ7	10	Ø14x9	32	8	—	7 kg
<b>DN65 (Class150)</b>	178	139.7	4xØ19	46	50	152	310	11	65	50	4xØ7	10	Ø14x9	32	8	—	7 kg
<b>DN80 (PN16)</b>	200	160	8xØ18	46	50	159	320	11	90	70	4xØ10	12	Ø16x11	32	8	—	9 kg
<b>DN80 (PN10)</b>	200	160	8xØ18	46	50	159	320	11	90	70	4xØ10	12	Ø16x11	32	8	—	9 kg
<b>DN80 (Class150)</b>	190.5	152.4	4xØ19	46	50	159	320	11	90	70	4xØ10	12	Ø16x11	32	8	—	9 kg
<b>DN100 (PN16)</b>	220	180	8xØ18	52	56	177	360	12	90	70	4xØ10	12	Ø16x11	60	8	—	12 kg
<b>DN100 (PN10)</b>	220	180	8xØ18	52	56	177	360	12	90	70	4xØ10	12	Ø16x11	60	8	—	12 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

<b>DN100 (Class150)</b>	228.6	190.5	8xØ19	52	56	177	360	12	90	70	4xØ10	12	Ø16x11	60	8	—	12 kg
<b>DN125 (PN16)</b>	250	210	8xØ18	56	60	190	400	13	90	70	4xØ10	12	Ø22	60	8	25	14 kg
<b>DN125 (PN10)</b>	235	190	8xØ18	56	60	190	400	13	90	70	4xØ10	12	Ø22	60	8	25	14 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## U-Type Double Flanged Butterfly Valve (Marine)

Dimensions per size (continued) · EFC-205

SIZE	D	K	BOLTS	C	C1	H	H1	B	TOP N	TOP M	TOP D2XAD	TOP B1	STEM D	STEM H	STEM B3	STEM T	WEIGHT
<b>DN125 (Class150)</b>	254	215.9	8xØ22	56	60	190	400	13	90	70	4xØ10	12	Ø22	60	8	25	14 kg
<b>DN150 (PN16)</b>	285	240	8xØ22	60	64	203	430	13	90	70	4xØ10	12	Ø22	60	8	25	19 kg
<b>DN150 (PN10)</b>	270	225	8xØ22	60	64	203	430	13	90	70	4xØ10	12	Ø22	60	8	25	19 kg
<b>DN150 (Class150)</b>	279.4	241.3	8xØ22	60	64	203	430	13	90	70	4xØ10	12	Ø22	60	8	25	19 kg
<b>DN200 (PN16)</b>	340	295	12xØ22	68	71	241	550	15	125	102	4xØ12	16	Ø28	60	12	31	22 kg
<b>DN200 (PN10)</b>	300	255	8xØ22	68	71	241	550	15	125	102	4xØ12	16	Ø28	60	12	31	22 kg
<b>DN200 (Class150)</b>	342.9	298.5	8xØ19	68	71	241	550	15	125	102	4xØ12	16	Ø28	60	12	31	22 kg
<b>DN250 (PN16)</b>	405	355	12xØ26	78	84	250	600	15	125	102	4xØ12	16	Ø38	60	12	43	32 kg
<b>DN250 (PN10)</b>	340	295	12xØ22	78	84	250	600	15	125	102	4xØ12	16	Ø38	60	12	43	32 kg
<b>DN250 (Class150)</b>	406.4	362	12xØ22	78	84	250	600	15	125	102	4xØ12	16	Ø38	60	12	43	32 kg
<b>DN300 (PN16)</b>	460	410	12xØ26	102	108	282	620	20	125	102	4xØ12	16	Ø38	60	12	50.5	42 kg
<b>DN300 (PN10)</b>	395	350	12xØ22	102	108	282	620	20	125	102	4xØ12	16	Ø38	60	12	50.5	42 kg
<b>DN300 (Class150)</b>	482.6	431.8	12xØ25	102	108	282	620	20	125	102	4xØ12	16	Ø38	60	12	50.5	42 kg
<b>DN350 (PN16)</b>	520	470	16xØ26	114	120	320	700	20	175	140	4xØ18	22	Ø45	—	14	60.5	55 kg
<b>DN350 (PN10)</b>	445	400	16xØ22	114	120	320	700	20	175	140	4xØ18	22	Ø45	—	14	60.5	55 kg
	533.4	476.3	12xØ32	114	120	320	700	20	175	140	4xØ18	22	Ø45	—	14	60.5	55 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

<b>DN350 (Class150)</b>																		
<b>DN400 (PN16)</b>	580	525	16xØ30	127	133	360	825	20	175	140	4xØ18	22	Ø55	—	14	65.5	110 kg	
<b>DN400 (PN10)</b>	515	460	16xØ26	127	133	360	825	20	175	140	4xØ18	22	Ø55	—	14	65.5	110 kg	
<b>DN400 (Class150)</b>	596.9	539.8	16xØ32	127	133	360	825	20	175	140	4xØ18	22	Ø55	—	14	65.5	110 kg	
<b>DN450 (PN16)</b>	640	585	20xØ30	154	160	408	900	25	175	140	4xØ18	22	Ø60	—	14	65.5	145 kg	
<b>DN450 (PN10)</b>	565	510	20xØ26	154	160	408	900	25	175	140	4xØ18	22	Ø60	—	14	65.5	145 kg	

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## U-Type Double Flanged Butterfly Valve (Marine)

Dimensions per size (continued) · EFC-205

SIZE	D	K	BOLTS	C	C1	H	H1	B	TOP N	TOP M	TOP D2XAD	TOP B1	STEM D	STEM H	STEM B3	STEM T	WEIGHT
<b>DN450 (Class150)</b>	635	577.9	20xØ32	154	160	408	900	25	175	140	4xØ18	22	Ø60	—	14	65.5	145 kg
<b>DN500 (PN16)</b>	715	650	20xØ33	165	171	432	1000	25	210	165	4xØ22	26	Ø60	—	14	65.5	184 kg
<b>DN500 (PN10)</b>	615	555	20xØ26	165	171	432	1000	25	210	165	4xØ22	26	Ø60	—	14	65.5	184 kg
<b>DN500 (Class150)</b>	698.5	635	20xØ35	165	171	432	1000	25	210	165	4xØ22	26	Ø60	—	14	65.5	184 kg
<b>DN600 (PN16)</b>	840	770	20xØ36	190	196	520	1100	25	210	165	4xØ22	26	Ø80	—	20	85.5	262 kg
<b>DN600 (PN10)</b>	670	600	20xØ30	190	196	520	1100	25	210	165	4xØ22	26	Ø80	—	20	85.5	262 kg
<b>DN600 (Class150)</b>	812.8	749.3	16xØ35	190	196	520	1100	25	210	165	4xØ22	26	Ø80	—	20	85.5	262 kg
<b>DN700 (PN16)</b>	910	840	24xØ36	203	208	550	1150	30	300	254	8xØ18	32	Ø80	—	20	85.5	350 kg
<b>DN700 (PN10)</b>	780	710	24xØ30	203	208	550	1150	30	300	254	8xØ18	32	Ø80	—	20	85.5	350 kg
<b>DN700 (Class150)</b>	927.1	857.3	20xØ35	203	208	550	1150	30	300	254	8xØ18	32	Ø80	—	20	85.5	350 kg
<b>DN800 (PN16)</b>	1025	950	24xØ39	216	224	585	1250	32	300	254	8xØ18	32	Ø90	—	32	97.5	450 kg
<b>DN800 (PN10)</b>	895	820	24xØ33	216	224	585	1250	32	300	254	8xØ18	32	Ø90	—	32	97.5	450 kg
<b>DN800 (Class150)</b>	1060.5	984.3	20xØ41	216	224	585	1250	32	300	254	8xØ18	32	Ø90	—	32	97.5	450 kg
<b>DN900 (PN16)</b>	1125	1050	28xØ39	254	262	630	1350	34	350	298	8xØ22	35	Ø90	—	32	97.5	582 kg
<b>DN900 (PN10)</b>	1015	920	28xØ36	254	262	630	1350	34	350	298	8xØ22	35	Ø90	—	32	97.5	582 kg
	1168	1079.5	28xØ41	254	262	630	1350	34	350	298	8xØ22	35	Ø90	—	32	97.5	582 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

<b>DN900 (Class150)</b>																	
<b>DN1000 (PN16)</b>	1255	1170	28xØ42	254	262	770	1400	36	350	298	8xØ22	35	Ø120	100	40	128.1	710 kg
<b>DN1000 (PN10)</b>	1115	1020	28xØ36	254	262	770	1400	36	350	298	8xØ22	35	Ø120	100	40	128.1	710 kg
<b>DN1000 (Class150)</b>	1289	1200.2	28xØ44	254	262	770	1400	36	350	298	8xØ22	35	Ø120	100	40	128.1	710 kg
<b>DN1100 (PN16)</b>	1355	1280	28xØ42	280	288	840	1500	40	415	356	8xØ33	35	Ø120	120	40	128.1	1150 kg
<b>DN1100 (PN10)</b>	1230	1140	28xØ36	280	288	840	1500	40	415	356	8xØ33	35	Ø120	120	40	128.1	1150 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## U-Type Double Flanged Butterfly Valve (Marine)

Dimensions per size (continued) · EFC-205

SIZE	D	K	BOLTS	C	C1	H	H1	B	TOP N	TOP M	TOP D2XAD	TOP B1	STEM D	STEM H	STEM B3	STEM T	WEIGHT
<b>DN1100 (Class150)</b>	1403	1314	32xØ44	280	288	840	1500	40	415	356	8xØ33	35	Ø120	120	40	128.1	1150 kg
<b>DN1200 (PN16)</b>	1485	1390	32xØ49	280	288	900	1700	40	415	356	8xØ33	35	Ø120	120	40	128.1	1300 kg
<b>DN1200 (PN10)</b>	1340	1250	32xØ39	280	288	900	1700	40	415	356	8xØ33	35	Ø120	120	40	128.1	1300 kg
<b>DN1200 (Class150)</b>	1511	1422	32xØ44	280	288	900	1700	40	415	356	8xØ33	35	Ø120	120	40	128.1	1300 kg
<b>DN1300 (PN16)</b>	1590	1490	36xØ49	280	288	970	1800	44	415	356	8xØ33	35	Ø120	120	40	128.1	1550 kg
<b>DN1300 (PN10)</b>	1455	1355	36xØ42	280	288	970	1800	44	415	356	8xØ33	35	Ø120	120	40	128.1	1550 kg
<b>DN1300 (Class150)</b>	1624	1537	36xØ44	280	288	970	1800	44	415	356	8xØ33	35	Ø120	120	40	128.1	1550 kg
<b>DN1400 (PN16)</b>	1685	1590	40xØ49	280	288	1025	1900	44	415	356	8xØ33	35	Ø120	170	40	128.1	1810 kg
<b>DN1400 (PN10)</b>	1675	1590	40xØ42	280	288	1025	1900	44	415	356	8xØ33	35	Ø120	170	40	128.1	1810 kg
<b>DN1400 (Class150)</b>	1746	1651	44xØ48	280	288	1025	1900	44	415	356	8xØ33	35	Ø120	170	40	128.1	1810 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BRONZE MARINE VALVE

# Ball Valve

REF **EFC-206** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN15 to DN250</b>
Pressure	<b>PN6 to PN16</b>
End connection	<b>flanged (EN 1092) / flanged (EN 1092) / flanged (EN 1092)</b>
Face-to-face	<b>DIN 3202-F4, DIN 3202-F5</b>
Media	<b>marine applications</b>

## ACTUATION

- manual lever — SS 201 + PVC lever with lock — ISO 5211



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>Bronze Rg5, CuSn10, C95800</b>	Bonnet	<b>Bronze Rg5, CuSn10, C95800</b>
Screw	<b>SS 304 (A2)</b>	Gasket	<b>PTFE</b>
Seat	<b>PTFE</b>	Ball	<b>SS 316, Bronze Rg5, C95800</b>
Stem	<b>SS 316, Bronze</b>	Thrust gasket	<b>PTFE</b>
O ring	<b>Viton</b>	Packing	<b>PTFE</b>
Gland	<b>SS 304</b>	Spring washer	<b>SS 304</b>
Screw nut	<b>SS 304 (A2)</b>	Nut	<b>SS 304</b>
Lock	<b>SS 201</b>	Lever	<b>SS 201 + PVC</b>

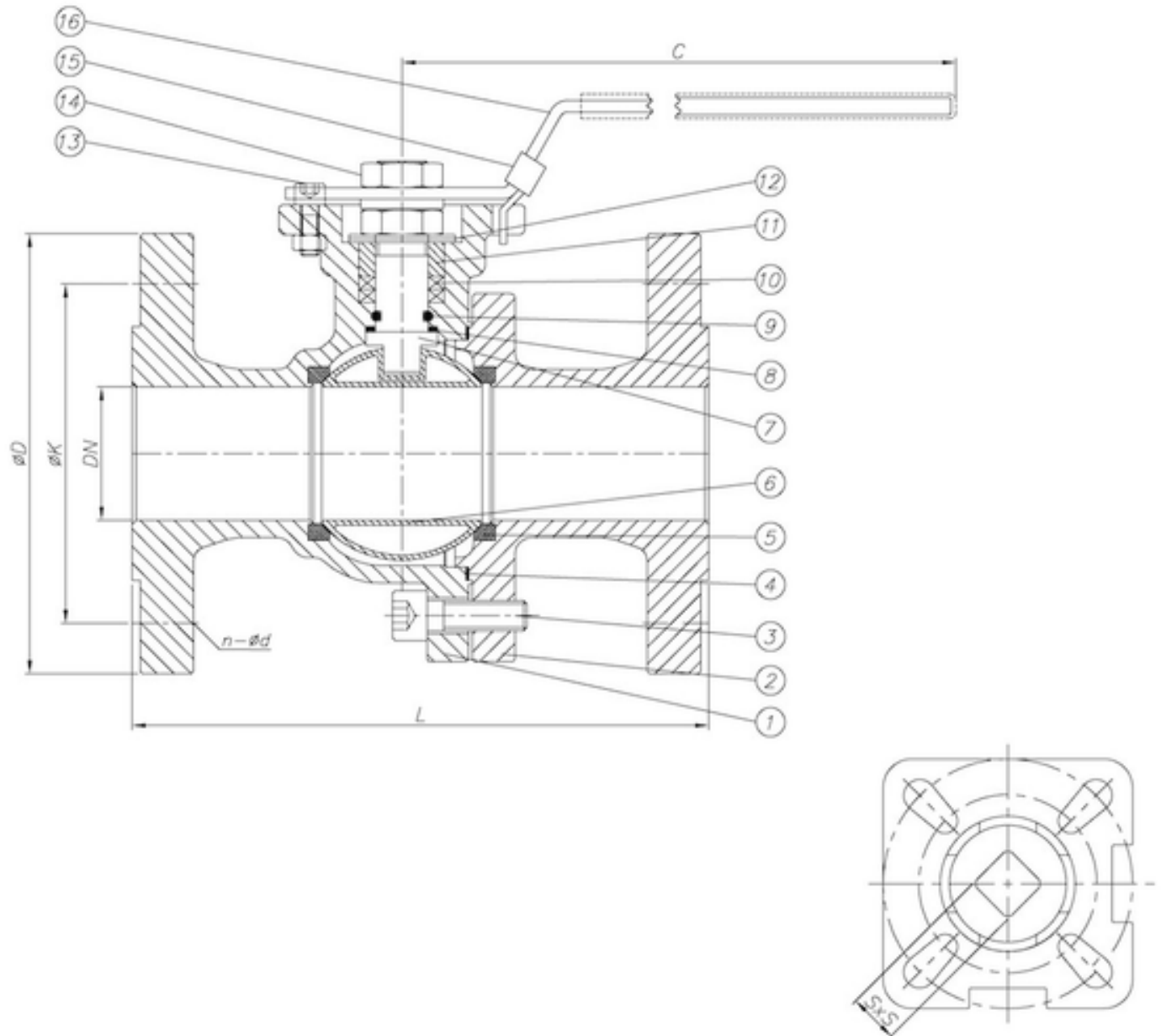
**FEATURES**

- Full bore design
- Bronze Rg5 / CuSn10 / C95800 body and bonnet
- PTFE seats and packing
- Viton O-ring
- SS 316 or Bronze ball options
- ISO 5211 top flange for actuator mounting
- Lever with integrated lock

BRONZE MARINE VALVE

# Ball Valve

SECTION Technical drawing 1 REF EFC-206



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BRONZE MARINE VALVE

# Ball Valve

SECTION Dimensions per size REF EFC-206

SIZE	L	WEIGHT
DN15	115	2.7 kg
DN20	120	3.4 kg
DN25	125	4.3 kg
DN32	130	6 kg
DN40	140	7 kg
DN50	150	9.2 kg
DN65	170	13 kg
DN80	180	15.9 kg
DN100	190	19 kg
DN125	325	35.9 kg
DN150	350	47 kg
DN200	400	77.6 kg
DN250	450	174.3 kg

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BRONZE MARINE VALVE

# Wafer Check Valve (Marine)

REF **EFC-208** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN40 to DN800</b>
Pressure	<b>PN10 to PN25</b>
End connection	<b>wafer (DIN 2501)</b>



## MATERIALS

Body	<b>GG25, GGG40, St37, 304, 316, Bronze RG5, CuSn10</b>	Body seal	<b>EPDM, Viton, AISI 316, Bronze</b>
Disc	<b>AISI 304, AISI 316, Bronze</b>	Ring bolt	<b>St-Zn</b>

## FEATURES

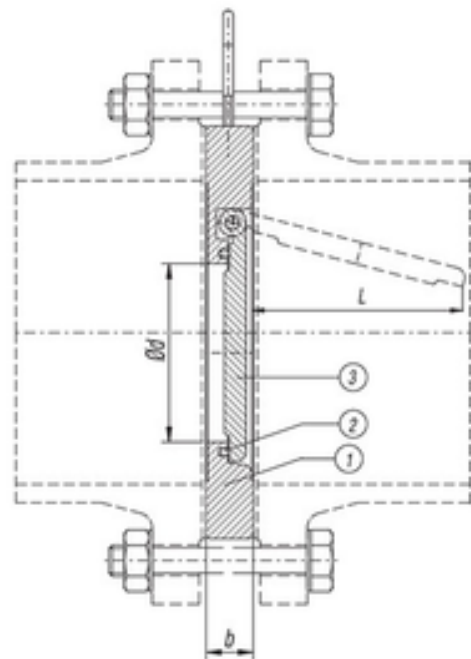
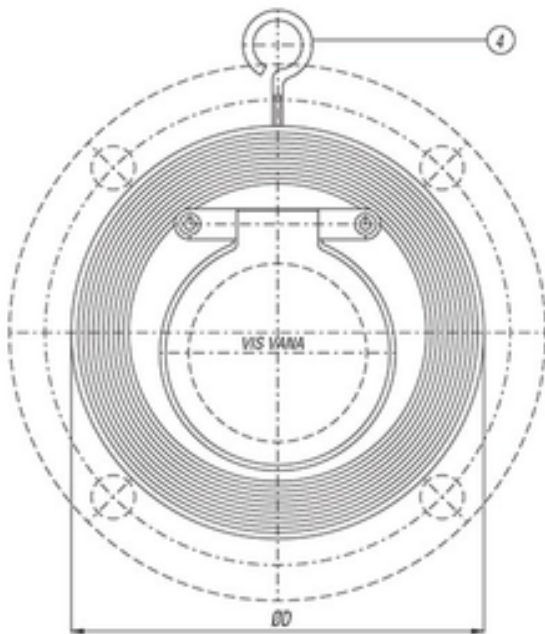
- Wafer (sandwich) type design for installation between flanges
- Single disc configuration
- Ring bolt (item 4) for handling/retention
- Available in multiple body and disc material combinations including bronze for marine service
- PN10, PN16, and PN25 pressure ratings available depending on size

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BRONZE MARINE VALVE

# Wafer Check Valve (Marine)

SECTION Technical drawing 1 REF EFC-208



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-208** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

BRONZE MARINE VALVE

# Wafer Check Valve (Marine)

SECTION Dimensions per size REF EFC-208

SIZE	ÖD	L	B	PN25 D	PN10 D	PN16 D	WEIGHT
DN40	20	30.5	16	92	—	—	0.8 kg
DN50	32	41.5	16	107	—	—	1 kg
DN65	38	51.5	null	127	—	—	1.3 kg
DN80	52	62	18	142	—	—	1.5 kg
DN100	70	92	18	170	—	—	2.2 kg
DN125	87	104	18	196	—	—	3.6 kg
DN150	110	129	22	226	—	—	5.3 kg
DN200	154	172	22	286	—	—	11 kg
DN250	190	212	32	343	329	331	16 kg
DN300	236	263	32	403	380	386	28 kg
DN350	265	258	38	460	440	446	37 kg
DN400	290	300	38	517	491	498	55 kg
DN450	330	330	44	567	541	558	66 kg
DN500	368	368	58	627	596	620	107 kg
DN600	435	435	68	734	608	737	158 kg
DN700	550	540	76	836	813	807	235 kg
DN800	650	640	89	945	920	914	364 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BRONZE MARINE VALVE

# Tilting Type Check Valve (Marine)

REF **EFC-209** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN100 to DN1400</b>
Pressure	<b>PN10 to PN40</b>
End connection	<b>flanged (DIN EN 1092)</b>
Face-to-face	<b>DIN EN 558-14, BS 5155</b>
Temperature	<b>-10°C to 120°C</b>

## STANDARDS

Design	<b>DIN EN 558-1-16</b>
Test	<b>DIN EN 12266, API 598</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>GGG 40, GGG 50, GSC25, 304, 316</b>	Disc	<b>GGG 40, GGG 50, GSC25, 304, 316</b>
Stem	<b>AISI 420 (X20Cr13), 304, 316</b>	Bushing	<b>Delrin, PTFE</b>
Retaining ring	<b>St37, 304, 316</b>	Cover driven end	<b>GGG 40, GGG 50, GSC25, 304, 316</b>
Sealing ring	<b>EPDM</b>	Lever	<b>Steel St-37</b>
Weight	<b>GG-25</b>	Key	<b>Steel Ck-45</b>
Setscrew	<b>Stainless Steel-A2</b>	O ring	<b>EPDM, BUNA-N</b>
Screw	<b>Stainless Steel-A2</b>	Bolt	<b>5D</b>

**FEATURES**

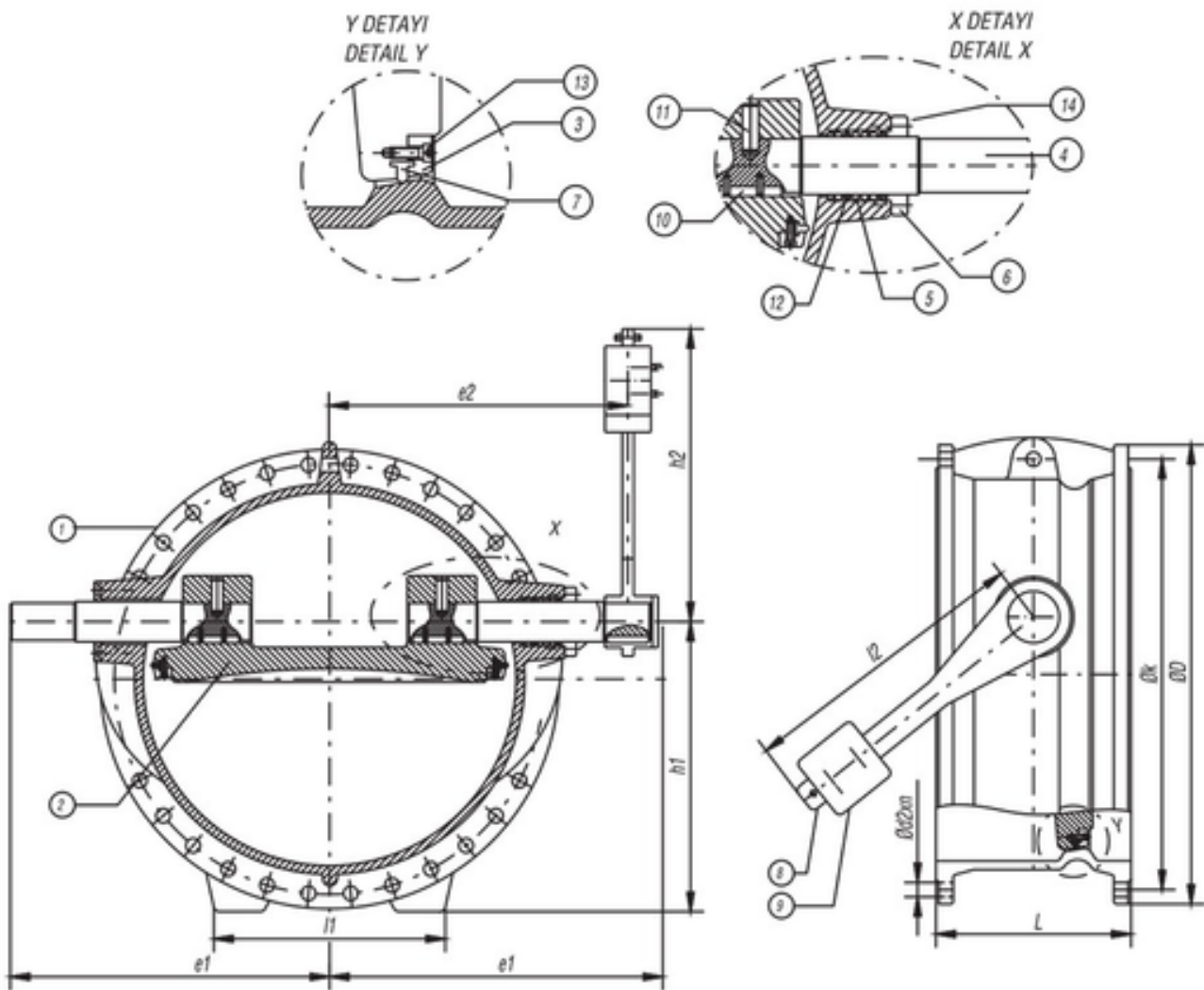
- Tilting disc design for check function
- External lever and counterweight mechanism
- Flanged end connections per DIN EN 1092
- Available in ductile iron, cast steel, and stainless steel body materials
- Bearing bush in Delrin or PTFE
- EPDM / BUNA-N O-ring sealing
- Size range DN100 to DN1400
- Pressure ratings PN10, PN16, PN25, PN40

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BRONZE MARINE VALVE

# Tilting Type Check Valve (Marine)

SECTION Technical drawing 1 REF EFC-209



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BRONZE MARINE VALVE

# Tilting Type Check Valve (Marine)

SECTION Dimensions per size REF EFC-209

SIZE	D	K	BOLTSL_DIN3202F4 L_BS5155	E1	E2	H1	I1	I2	H2	WEIGHT		
DN100 (PN10)	220	180	Ø18x8	190	127	192	160	135	200	220	—	20 kg
DN100 (PN16)	220	180	Ø18x8	190	127	192	160	135	200	220	—	20 kg
DN100 (PN25)	235	190	Ø22x8	190	127	192	160	135	200	220	—	20 kg
DN100 (PN40)	235	190	Ø22x8	190	127	192	160	135	200	220	—	20 kg
DN125 (PN10)	250	210	Ø22x8	200	140	215	183	156	200	250	189	28 kg
DN125 (PN16)	250	210	Ø22x8	200	140	215	183	156	200	250	189	28 kg
DN125 (PN25)	270	220	Ø26x8	200	140	215	183	156	200	250	189	28 kg
DN125 (PN40)	270	220	Ø26x8	200	140	215	183	156	200	250	189	28 kg
DN150 (PN10)	285	240	Ø22x12	210	140	238	206	180	200	285	189	36 kg
DN150 (PN16)	285	240	Ø22x12	210	140	238	206	180	200	285	189	36 kg
DN150 (PN25)	300	250	Ø26x12	210	140	238	206	180	200	285	189	36 kg
DN150 (PN40)	300	250	Ø30x12	210	140	238	206	180	200	285	189	36 kg
DN200 (PN10)	340	295	Ø22x12	230	152	263	231	220	200	340	189	50 kg
DN200 (PN16)	340	295	Ø22x12	230	152	263	231	220	200	340	189	50 kg
DN200 (PN25)	360	310	Ø26x12	230	152	263	231	220	200	340	189	50 kg
DN200 (PN40)	375	320	Ø33x12	230	152	263	231	220	200	340	189	50 kg
DN250 (PN10)	395	350	Ø26x12	250	165	313	276	265	300	260	280	70 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Tilting Type Check Valve (Marine)

Dimensions per size (continued) · EFC-209

SIZE	D	K	BOLTSL_DIN3202F4 L_BS5155	E1	E2	H1	I1	I2	H2	WEIGHT		
DN250 (PN16)	405	355	Ø26x12	250	165	313	276	265	300	260	280	70 kg
DN250 (PN25)	425	370	Ø30x12	250	165	313	276	265	300	260	280	70 kg
DN250 (PN40)	450	385	Ø33x16	250	165	313	276	265	300	260	280	70 kg
DN300 (PN10)	445	400	Ø26x16	270	178	326	289	305	300	335	372	110 kg
DN300 (PN16)	460	410	Ø26x16	270	178	326	289	305	300	335	372	110 kg
DN300 (PN25)	485	430	Ø30x16	270	178	326	289	305	300	335	372	110 kg
DN300 (PN40)	515	450	Ø33x16	270	178	326	289	305	300	335	372	110 kg
DN350 (PN10)	505	460	Ø26x16	290	190	388	346	357	400	345	405	145 kg
DN350 (PN16)	520	470	Ø30x16	290	190	388	346	357	400	345	405	145 kg
DN350 (PN25)	555	490	Ø33x16	290	190	388	346	357	400	345	405	145 kg
DN350 (PN40)	580	510	Ø36x16	290	190	388	346	357	400	345	405	145 kg
DN400 (PN10)	565	515	Ø26x20	310	216	418	376	395	400	375	460	180 kg
DN400 (PN16)	580	525	Ø30x16	310	216	418	376	395	400	375	460	180 kg
DN400 (PN25)	620	550	Ø35x16	310	216	418	376	395	400	375	460	180 kg
DN400 (PN40)	660	585	Ø39x16	310	216	418	376	395	400	375	460	180 kg
DN450 (PN10)	615	565	Ø26x20	330	222	470	420	440	450	450	460	240 kg
DN450 (PN16)	640	585	Ø30x20	330	222	470	420	440	450	450	460	240 kg
DN450 (PN25)	670	600	Ø36x20	330	222	470	420	440	450	450	460	240 kg
DN450 (PN40)	685	610	Ø36x20	330	222	470	420	440	450	450	460	240 kg
DN500 (PN10)	670	620	Ø26x20	350	229	495	453	490	500	470	500	280 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

---

<b>DN500 (PN16)</b>	715	650	Ø30x20	350	229	495	453	490	500	470	500	280 kg
---------------------	-----	-----	--------	-----	-----	-----	-----	-----	-----	-----	-----	--------

---

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-209** · Specifications confirmed at quote

[sales@euroflowcontrol.com](mailto:sales@euroflowcontrol.com) · [euroflowcontrol.com](http://euroflowcontrol.com)

## Tilting Type Check Valve (Marine)

Dimensions per size (continued) · EFC-209

SIZE	D	K	BOLTSL_DIN3202F4 L_BS5155	E1	E2	H1	I1	I2	H2	WEIGHT		
<b>DN500 (PN25)</b>	730	660	Ø36x20	350	229	495	453	490	500	470	500	280 kg
<b>DN500 (PN40)</b>	755	720	Ø42x20	350	229	495	453	490	500	470	500	280 kg
<b>DN600 (PN10)</b>	780	725	Ø30x20	390	267	592	540	580	600	545	555	410 kg
<b>DN600 (PN16)</b>	840	800	Ø33x20	390	267	592	540	580	600	545	555	410 kg
<b>DN600 (PN25)</b>	845	770	Ø39x20	390	267	592	540	580	600	545	555	410 kg
<b>DN600 (PN40)</b>	890	795	Ø48x20	390	267	592	540	580	600	545	555	410 kg
<b>DN700 (PN10)</b>	895	840	Ø30x24	430	292	688	623	635	700	590	642	540 kg
<b>DN700 (PN16)</b>	910	950	Ø33x24	430	292	688	623	635	700	590	642	540 kg
<b>DN700 (PN25)</b>	960	875	Ø42x24	430	292	688	623	635	700	590	642	540 kg
<b>DN700 (PN40)</b>	995	900	Ø48x24	430	292	688	623	635	700	590	642	540 kg
<b>DN800 (PN10)</b>	1015	950	Ø33x28	470	318	725	656	713	800	660	735	680 kg
<b>DN800 (PN16)</b>	1025	1050	Ø36x28	470	318	725	656	713	800	660	735	680 kg
<b>DN800 (PN25)</b>	1085	990	Ø48x24	470	318	725	656	713	800	660	735	680 kg
<b>DN800 (PN40)</b>	1140	1030	Ø56x24	470	318	725	656	713	800	660	735	680 kg
<b>DN900 (PN10)</b>	1115	1050	Ø33x28	510	330	825	740	795	900	720	830	1050 kg
<b>DN900 (PN16)</b>	1125	1170	Ø36x28	510	330	825	740	795	900	720	830	1050 kg
<b>DN900 (PN25)</b>	1185	1090	Ø48x28	510	330	825	740	795	900	720	830	1050 kg
<b>DN900 (PN40)</b>	1250	1140	Ø56x24	510	330	825	740	795	900	720	830	1050 kg
<b>DN1000 (PN10)</b>	1230	1160	Ø36x28	550	410	832	764	890	1000	770	920	1250 kg
<b>DN1000 (PN16)</b>	1255	1380	Ø39x28	550	410	832	764	890	1000	770	920	1250 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

---

<b>DN1000 (PN25)</b>	1320	1210	Ø56x28	550	410	832	764	890	1000	770	920	1250 kg
----------------------	------	------	--------	-----	-----	-----	-----	-----	------	-----	-----	---------

---

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-209** · Specifications confirmed at quote

[sales@euroflowcontrol.com](mailto:sales@euroflowcontrol.com) · [euroflowcontrol.com](http://euroflowcontrol.com)

## Tilting Type Check Valve (Marine)

Dimensions per size (continued) · EFC-209

SIZE	D	K	BOLTSL_DIN3202F4 L_BS5155	E1	E2	H1	I1	I2	H2	WEIGHT		
<b>DN1000 (PN40)</b>	1360	1250	Ø62x32	550	410	832	764	890	1000	770	920	1250 kg
<b>DN1200 (PN10)</b>	1455	1380	Ø41x32	630	470	1000	900	1042	1200	965	1087	2100 kg
<b>DN1200 (PN16)</b>	1485	1590	Ø42x28	630	470	1000	900	1042	1200	965	1087	2100 kg
<b>DN1200 (PN25)</b>	1530	1420	Ø57x32	630	470	1000	900	1042	1200	965	1087	2100 kg
<b>DN1200 (PN40)</b>	1575	1460	Ø62x32	630	470	1000	900	1042	1200	965	1087	2100 kg
<b>DN1400 (PN10)</b>	1675	1590	Ø44x36	710	—	1246	1100	1200	1400	965	1280	3400 kg
<b>DN1400 (PN16)</b>	1685	1590	Ø50x36	710	—	1246	1100	1200	1400	965	1280	3400 kg
<b>DN1400 (PN25)</b>	1755	1640	Ø62x36	710	—	1246	1100	1200	1400	965	1280	3400 kg
<b>DN1400 (PN40)</b>	1795	1680	Ø62x36	710	—	1246	1100	1200	1400	965	1280	3400 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BRONZE MARINE VALVE

# U-Type Double Flanged Butterfly Valve (Marine)

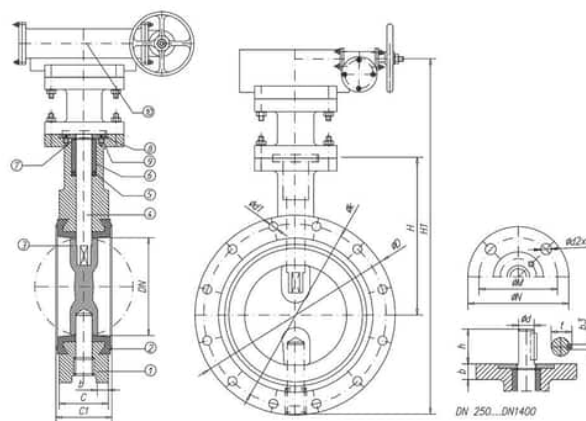
REF **EFC-211** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN40 to DN1400</b>
Pressure	<b>PN16 (16 bar)</b>
End connection	<b>flanged (DIN EN 1092) / flanged (DIN EN 1092-2 / BS 4504) / flanged (BS 4504 / ASME B16.5)</b>

## ACTUATION

- gearbox — GGG-40 gearbox (Di\_li Kutusu) — ISO 5211/1



## MATERIALS

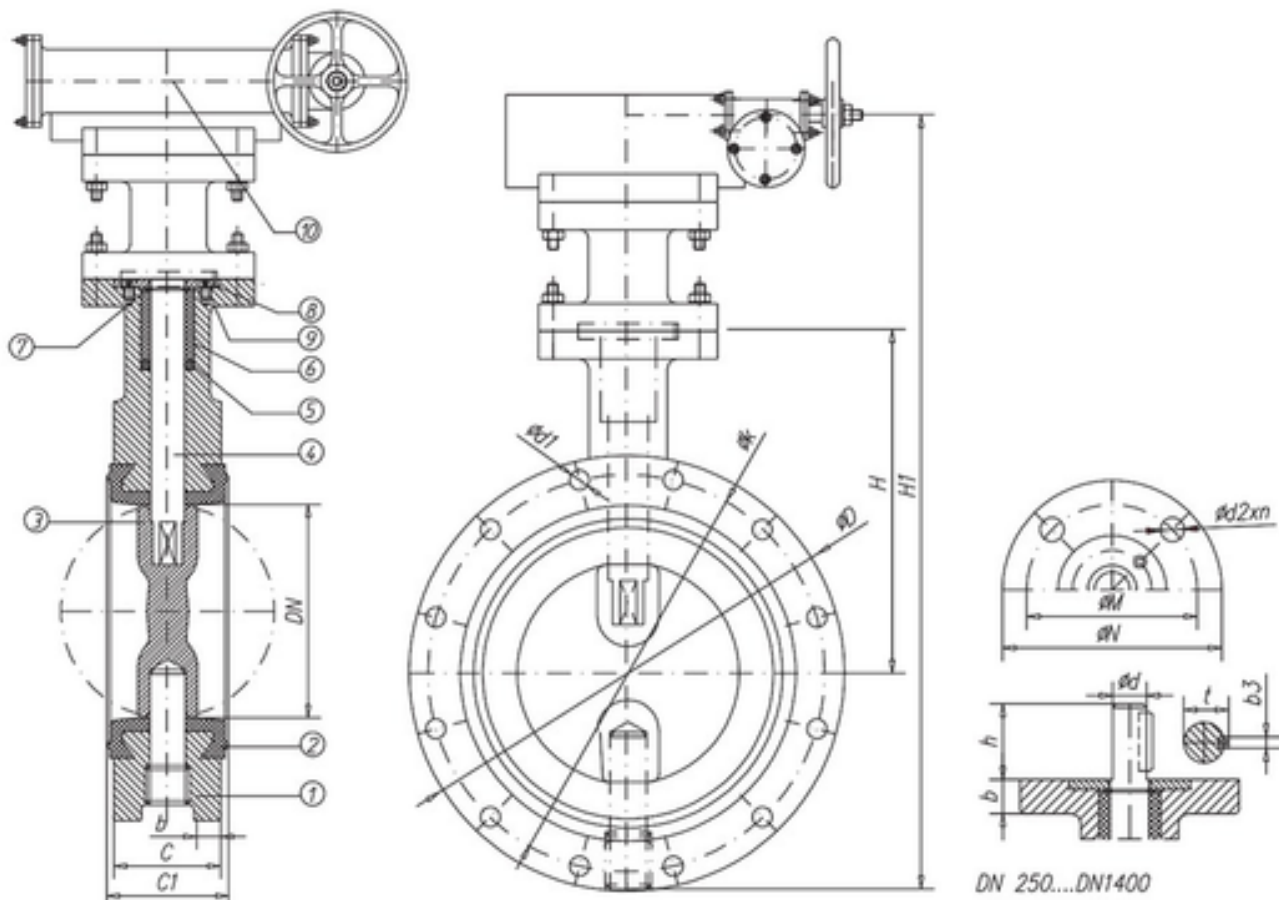
Body	<b>GG 25, GGG 40, GGG 50, GS-C 25</b>	Gasket	<b>EPDM, NBR, VITON</b>
Disc	<b>GGG 40, SS, Bronze</b>	Stem	<b>AISI 420, AISI 316</b>
O ring	<b>EPDM, NBR, VITON</b>	Gland bush	<b>PTFE, Bronze</b>
Segment	<b>St, SS</b>	Washer	<b>St-37, SS, Bronze</b>
Bolt	<b>A2, A4, SS</b>	Gearbox	<b>GGG-40</b>

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BRONZE MARINE VALVE

# U-Type Double Flanged Butterfly Valve (Marine)

SECTION Technical drawing 1 REF EFC-211



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BRONZE MARINE VALVE

## U-Type Double Flanged Butterfly Valve (Marine)

SECTION Dimensions per size REF EFC-211

SIZE	D	K	BOLTS	C	C1	H	H1	B	ON	OMOD2XAD	B1	OD	H	B3	T	WEIGHT	
<b>DN40 (PN16)</b>	150	110	4x18	33	37	130	260	10	65	50	7x4	10	14x9	32	8	—	4 kg
<b>DN40 (PN10)</b>	150	110	4x18	33	37	130	260	10	65	50	7x4	10	14x9	32	8	—	4 kg
<b>DN40 (Class150)</b>	127	98.5	4x16	33	37	130	260	10	65	50	7x4	10	14x9	32	8	—	4 kg
<b>DN50 (PN16)</b>	165	125	4x18	43	47	140	295	10	65	50	7x4	10	14x9	32	8	—	5 kg
<b>DN50 (PN10)</b>	165	125	4x18	43	47	140	295	10	65	50	7x4	10	14x9	32	8	—	5 kg
<b>DN50 (Class150)</b>	152.5	120.7	4x16	43	47	140	295	10	65	50	7x4	10	14x9	32	8	—	5 kg
<b>DN65 (PN16)</b>	185	145	8x18	46	50	152	310	11	65	50	7x4	10	14x9	32	8	—	7 kg
<b>DN65 (PN10)</b>	185	145	8x18	46	50	152	310	11	65	50	7x4	10	14x9	32	8	—	7 kg
<b>DN65 (Class150)</b>	178	139.7	4x16	46	50	152	310	11	65	50	7x4	10	14x9	32	8	—	7 kg
<b>DN80 (PN16)</b>	200	160	8x18	46	50	159	320	11	90	70	10x4	12	16x11	32	8	—	9 kg
<b>DN80 (PN10)</b>	200	160	8x18	46	50	159	320	11	90	70	10x4	12	16x11	32	8	—	9 kg
<b>DN80 (Class150)</b>	190.5	152.4	4x19	46	50	159	320	11	90	70	10x4	12	16x11	32	8	—	9 kg
<b>DN100 (PN16)</b>	220	180	8x18	52	56	177	360	12	90	70	10x4	12	16x11	32	8	—	12 kg
<b>DN100 (PN10)</b>	220	180	8x18	52	56	177	360	12	90	70	10x4	12	16x11	32	8	—	12 kg
	228.6	190.5	8x19	52	56	177	360	12	90	70	10x4	12	16x11	32	8	—	12 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

<b>DN100 (Class150)</b>																		
<b>DN125 (PN16)</b>	250	210	8x22	56	60	190	400	13	125	102	12x4	16	22	60	12	25		14 kg
<b>DN125 (PN10)</b>	235	195	8x22	56	60	190	400	13	125	102	12x4	16	22	60	12	25		14 kg
<b>DN125 (Class150)</b>	254	216	8x22	56	60	190	400	13	125	102	12x4	16	22	60	12	25		14 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## U-Type Double Flanged Butterfly Valve (Marine)

Dimensions per size (continued) · EFC-211

SIZE	D	K	BOLTS	C	C1	H	H1	B	ON	OMOD2XAD	B1	OD	H	B3	T	WEIGHT	
<b>DN150 (PN16)</b>	285	240	8x22	60	64	203	430	13	125	102	12x4	16	22	60	12	25	19 kg
<b>DN150 (PN10)</b>	270	225	8x22	60	64	203	430	13	125	102	12x4	16	22	60	12	25	19 kg
<b>DN150 (Class150)</b>	279.5	241.3	8x22	60	64	203	430	13	125	102	12x4	16	22	60	12	25	19 kg
<b>DN200 (PN16)</b>	340	295	12x22	68	71	241	550	15	175	140	18x4	22	28	60	12	31	22 kg
<b>DN200 (PN10)</b>	300	250	8x22	68	71	241	550	15	175	140	18x4	22	28	60	12	31	22 kg
<b>DN200 (Class150)</b>	343	298.5	8x19	68	71	241	550	15	175	140	18x4	22	28	60	12	31	22 kg
<b>DN250 (PN16)</b>	405	355	12x26	78	84	250	600	15	175	140	18x4	22	38	60	12	43	32 kg
<b>DN250 (PN10)</b>	350	300	12x22	78	84	250	600	15	175	140	18x4	22	38	60	12	43	32 kg
<b>DN250 (Class150)</b>	406.5	362	12x22	78	84	250	600	15	175	140	18x4	22	38	60	12	43	32 kg
<b>DN300 (PN16)</b>	460	410	12x26	102	108	282	620	20	210	165	22x4	26	38	70	14	43	42 kg
<b>DN300 (PN10)</b>	400	350	12x22	102	108	282	620	20	210	165	22x4	26	38	70	14	43	42 kg
<b>DN300 (Class150)</b>	482.5	431.8	12x22	102	108	282	620	20	210	165	22x4	26	38	70	14	43	42 kg
<b>DN350 (PN16)</b>	520	470	16x26	114	120	320	700	20	210	165	22x4	26	45	70	14	50.5	55 kg
<b>DN350 (PN10)</b>	450	400	16x22	114	120	320	700	20	210	165	22x4	26	45	70	14	50.5	55 kg
<b>DN350 (Class150)</b>	533.5	476.3	12x25	114	120	320	700	20	210	165	22x4	26	45	70	14	50.5	55 kg
<b>DN400 (PN16)</b>	580	525	16x30	127	133	360	825	20	300	254	18x8	32	55	90	20	60.5	110 kg
<b>DN400 (PN10)</b>	515	460	16x26	127	133	360	825	20	300	254	18x8	32	55	90	20	60.5	110 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

<b>DN400 (Class150)</b>	597	540	16x25	127	133	360	825	20	300	254	18x8	32	55	90	20	60.5	110 kg
<b>DN450 (PN16)</b>	640	585	20x30	154	160	408	900	25	300	254	18x8	32	60	90	20	65.5	145 kg
<b>DN450 (PN10)</b>	565	515	20x26	154	160	408	900	25	300	254	18x8	32	60	90	20	65.5	145 kg
<b>DN450 (Class150)</b>	635	578	20x25	154	160	408	900	25	300	254	18x8	32	60	90	20	65.5	145 kg
<b>DN500 (PN16)</b>	715	650	20x33	165	171	432	1000	25	300	254	18x8	32	80	100	32	85.5	184 kg
<b>DN500 (PN10)</b>	615	565	20x26	165	171	432	1000	25	300	254	18x8	32	80	100	32	85.5	184 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## U-Type Double Flanged Butterfly Valve (Marine)

Dimensions per size (continued) · EFC-211

SIZE	D	K	BOLTS	C	C1	H	H1	B	ON	OMOD2XAD	B1	OD	H	B3	T	WEIGHT	
<b>DN500</b> (Class150)	699.5	635	20x29	165	171	432	1000	25	300	254	18x8	32	80	100	32	85.5	184 kg
<b>DN600 (PN16)</b>	840	770	20x33	190	196	520	1100	25	350	298	22x8	35	80	100	32	85.5	262 kg
<b>DN600 (PN10)</b>	720	670	20x30	190	196	520	1100	25	350	298	22x8	35	80	100	32	85.5	262 kg
<b>DN600</b> (Class150)	749.8	749.3	20x32	190	196	520	1100	25	350	298	22x8	35	80	100	32	85.5	262 kg
<b>DN700 (PN16)</b>	910	840	24x33	203	208	550	1150	30	350	298	22x8	35	90	100	40	97.5	350 kg
<b>DN700 (PN10)</b>	780	725	24x30	203	208	550	1150	30	350	298	22x8	35	90	100	40	97.5	350 kg
<b>DN700</b> (Class150)	863	835	28x32	203	208	550	1150	30	350	298	22x8	35	90	100	40	97.5	350 kg
<b>DN800 (PN16)</b>	1025	950	24x36	216	224	585	1250	32	415	356	33x8	35	90	120	40	97.5	450 kg
<b>DN800 (PN10)</b>	895	800	24x33	216	224	585	1250	32	415	356	33x8	35	90	120	40	97.5	450 kg
<b>DN800</b> (Class150)	927	978	28x35	216	224	585	1250	32	415	356	33x8	35	90	120	40	97.5	450 kg
<b>DN900 (PN16)</b>	1125	1050	28x36	254	262	630	1350	32	415	356	33x8	35	120	120	40	128.1	582 kg
<b>DN900 (PN10)</b>	1015	900	28x33	254	262	630	1350	32	415	356	33x8	35	120	120	40	128.1	582 kg
<b>DN900</b> (Class150)	1060	1086	32x35	254	262	630	1350	32	415	356	33x8	35	120	120	40	128.1	582 kg
<b>DN1000 (PN16)</b>	1255	1170	28x39	254	262	770	1400	34	415	356	33x8	35	120	170	40	128.1	710 kg
<b>DN1000 (PN10)</b>	1115	1000	28x36	254	262	770	1400	34	415	356	33x8	35	120	170	40	128.1	710 kg
<b>DN1000</b> (Class150)	1200	1200	32x35	254	262	770	1400	34	415	356	33x8	35	120	170	40	128.1	710 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

<b>DN1100 (PN16)</b>	1355	1280	32x39	280	288	840	1500	36	415	356	33x8	35	120	170	40	128.1	1150 kg
<b>DN1100 (PN10)</b>	1230	1100	28x36	280	288	840	1500	36	415	356	33x8	35	120	170	40	128.1	1150 kg
<b>DN1100 (Class150)</b>	1314	1314	32x38	280	288	840	1500	36	415	356	33x8	35	120	170	40	128.1	1150 kg
<b>DN1200 (PN16)</b>	1485	1390	32x42	280	288	900	1700	40	415	356	33x8	35	120	170	40	128.1	1300 kg
<b>DN1200 (PN10)</b>	1340	1200	32x39	280	288	900	1700	40	415	356	33x8	35	120	170	40	128.1	1300 kg
<b>DN1200 (Class150)</b>	1422	1422	32x41	280	288	900	1700	40	415	356	33x8	35	120	170	40	128.1	1300 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## U-Type Double Flanged Butterfly Valve (Marine)

Dimensions per size (continued) · EFC-211

SIZE	D	K	BOLTS	C	C1	H	H1	B	ON	OM	OD2XAD	B1	OD	H	B3	T	WEIGHT
<b>DN1300 (PN16)</b>	1590	1490	36x42	280	288	970	1800	40	415	356	33x8	35	120	170	40	128.1	1550 kg
<b>DN1300 (PN10)</b>	1455	1390	36x39	280	288	970	1800	40	415	356	33x8	35	120	170	40	128.1	1550 kg
<b>DN1300 (Class150)</b>	1537	1537	36x44	280	288	970	1800	40	415	356	33x8	35	120	170	40	128.1	1550 kg
<b>DN1400 (PN16)</b>	1685	1590	36x49	280	288	1025	1900	44	415	356	33x8	35	120	170	40	128.1	1810 kg
<b>DN1400 (PN10)</b>	1575	1490	36x42	280	288	1025	1900	44	415	356	33x8	35	120	170	40	128.1	1810 kg
<b>DN1400 (Class150)</b>	1651	1651	44x48	280	288	1025	1900	44	415	356	33x8	35	120	170	40	128.1	1810 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

API VALVE

# API Floating Ball Valve

REF **EFC-217** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN250</b>
Pressure	<b>Class 150, Class 300, Class 600, Class 900, Class 1500</b>
End connection	<b>flanged (ANSI B16.5) / flanged (ANSI B16.5) / flanged (ANSI B16.5) / flanged (ANSI B16.5) / flanged (ANSI B16.5) / butt_weld (ANSI B16.25)</b>

## ACTUATION

- manual lever
- manual handwheel / gear box
- pneumatic — other actuators available on request
- electric — other actuators available on request
- hydraulic — other actuators available on request



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

Body	<b>ASTM A216 WCB, ASTM A351 CF8, ASTM A351 CF8M</b>	Packing	<b>PTFE</b>
Gland flange	<b>ASTM A216 WCB, ASTM A351 CF8, ASTM A351 CF8M</b>	Stop collar	<b>Carbon steel</b>
Lever	<b>Carbon steel</b>	Thrust washer	<b>PTFE</b>
Stem	<b>ASTM A182 F6a, ASTM A182 F304, ASTM A182 F316</b>	Ball	<b>ASTM A182 F6a, ASTM A182 F304, ASTM A182 F316</b>
Seat	<b>Reinforced PTFE</b>	Gasket	<b>PTFE</b>
Body nut	<b>ASTM A194 2H, ASTM A194 8, ASTM A194 8M</b>	Body bolting	<b>ASTM A193 B7, ASTM A193 B8, ASTM A193 B8M</b>
Closure	<b>ASTM A216 WCB, ASTM A351 CF8, ASTM A351 CF8M</b>		

## FEATURES

- Elastic sealing ring design provides seat seal load proportional to medium pressure
- Fire-safe secondary metal seal prevents internal and external leakage in the event of non-metallic seat seal damage by fire; meets API607 requirement
- Anti-blowout stem assembled from underneath with backseat; sealing force increases with medium pressure
- Lockable lever to prevent wrong operation in fully open or closed position
- Anti-static device available to derive electric charge accumulated on the ball via static channel between ball and stem, or stem and body
- Two-piece bolted bonnet body construction
- Full or reduced bore options available
- Stainless steel ball as standard

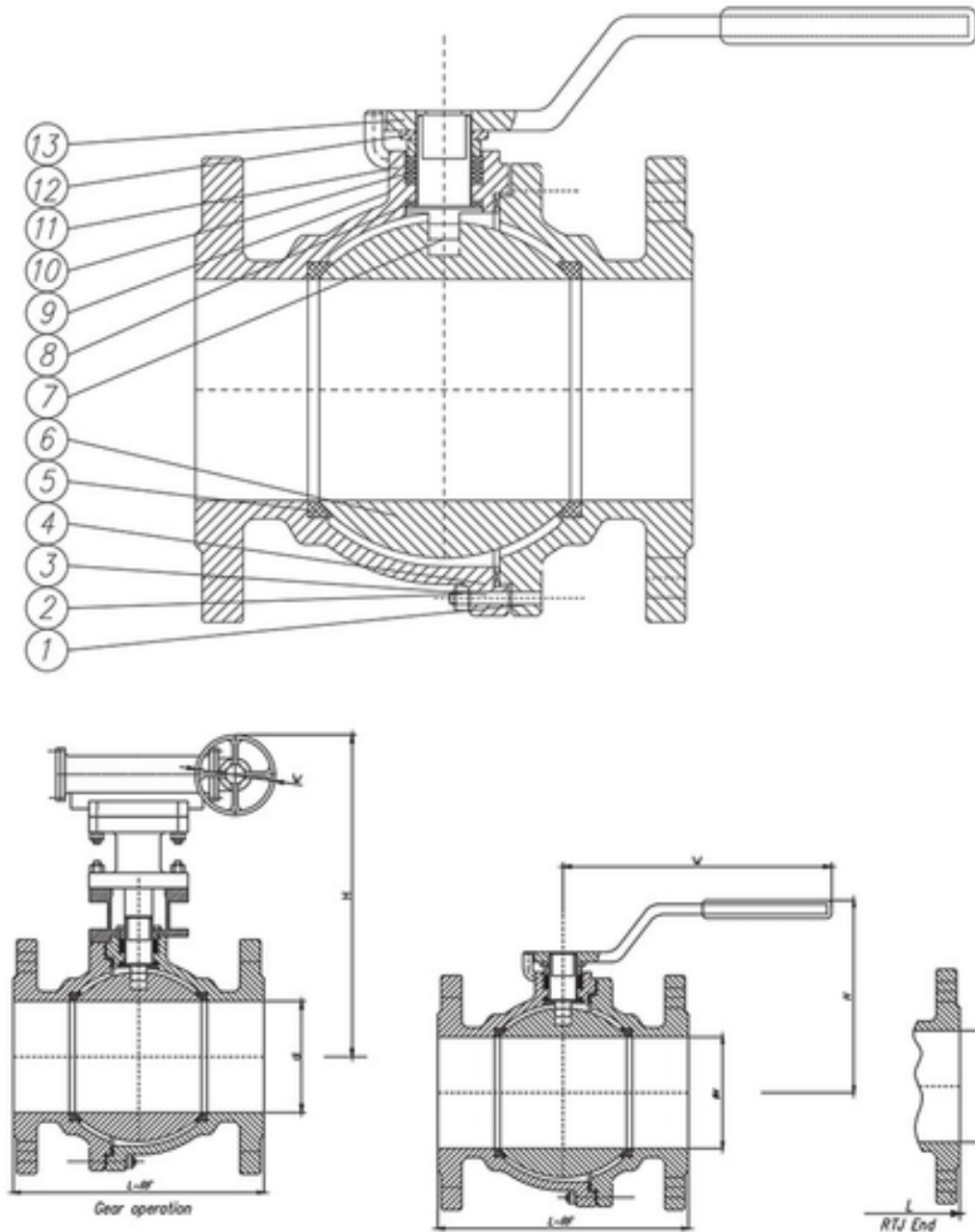
## OPTIONS & NOTES

- Noted: the chart above only lists out some common composition of steel ball valve parts, we may provide other different parts material composition according to the customer's request or the actual valve working condition.
- Noted: We may provide other different actuators according to the customer's request, such as pneumatic, electric, hydraulic actuators, the details of them according to the actual valve working condition.

API VALVE

# API Floating Ball Valve

SECTION Technical drawing 1 REF EFC-217



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

API VALVE

# API Floating Ball Valve

SECTION Dimensions per size REF EFC-217

SIZE	D	L_RF	L_RTJ	H_HAND- WHEEL	W_HAND- WHEEL	H_GEAR- BOX	W_GEAR- BOX	WEIGHT_GEAR- BOX	WEIGHT
<b>Class 150 / DN15 (NPS 1/2)</b>	13	108	119	140	85	—	—	—	3 kg
<b>Class 150 / DN20 (NPS 3/4)</b>	19	117	130	140	90	—	—	—	3.2 kg
<b>Class 150 / DN25 (NPS 1)</b>	25	127	140	150	99	—	—	—	3.5 kg
<b>Class 150 / DN32 (NPS 1-1/4)</b>	32	140	153	180	105	—	—	—	5 kg
<b>Class 150 / DN40 (NPS 1-1/2)</b>	38	165	178	300	165	—	—	—	6 kg
<b>Class 150 / DN50 (NPS 2)</b>	49	178	191	350	140	—	—	—	11 kg
<b>Class 150 / DN65 (NPS 2-1/2)</b>	62	190	203	350	180	—	—	—	13.5 kg
<b>Class 150 / DN80 (NPS 3)</b>	75	203	216	500	235	—	—	—	19 kg
<b>Class 150 / DN100 (NPS 4)</b>	100	229	242	500	250	305	380	53 kg	29 kg
<b>Class 150 / DN125 (NPS 5)</b>	127	356	369	800	280	305	405	79 kg	49 kg
<b>Class 150 / DN150 (NPS 6)</b>	150	394	407	800	310	305	460	102 kg	65 kg
<b>Class 150 / DN200 (NPS 8)</b>	201	457	470	1000	350	305	550	185 kg	115 kg
<b>Class 150 / DN250 (NPS 10)</b>	252	533	546	—	—	400	706	—	280 kg
<b>Class 300 / DN15 (NPS 1/2)</b>	13	140	151	140	85	—	—	—	3 kg
<b>Class 300 / DN20 (NPS 3/4)</b>	19	152	165	140	90	—	—	—	5 kg
<b>Class 300 / DN25 (NPS 1)</b>	25	165	178	150	99	—	—	—	6 kg
<b>Class 300 / DN32 (NPS 1-1/4)</b>	32	178	191	180	105	—	—	—	8 kg
<b>Class 300 / DN40 (NPS 1-1/2)</b>	38	190	203	200	126	—	—	—	11 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

<b>Class 300 / DN50 (NPS 2)</b>	49	216	232	250	142	—	—	—	16 kg
<b>Class 300 / DN65 (NPS 2-1/2)</b>	62	241	257	300	165	—	—	—	23 kg
<b>Class 300 / DN80 (NPS 3)</b>	74	283	299	350	178	—	—	52 kg	30 kg
<b>Class 300 / DN100 (NPS 4)</b>	100	305	321	500	230	305	330	76 kg	47 kg
<b>Class 300 / DN125 (NPS 5)</b>	127	381	397	800	280	305	380	124 kg	74 kg
<b>Class 300 / DN150 (NPS 6)</b>	150	403	419	800	310	305	420	163 kg	107 kg
<b>Class 300 / DN200 (NPS 8)</b>	201	502	518	1000	350	305	480	267 kg	153 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## API Floating Ball Valve

Dimensions per size (continued) · EFC-217

SIZE	D	L_RF	L_RTJ	H_HAND- WHEEL	W_HAND- WHEEL	H_GEAR- BOX	W_GEAR- BOX	WEIGHT_GEAR- BOX	WEIGHT
<b>Class 600 / DN15 (NPS 1/2)</b>	13	165	164	140	79	—	560	—	5 kg
<b>Class 600 / DN20 (NPS 3/4)</b>	19	190	190	140	83	—	—	—	7 kg
<b>Class 600 / DN25 (NPS 1)</b>	25	216	216	200	114	—	—	—	9 kg
<b>Class 600 / DN32 (NPS 1-1/4)</b>	32	229	229	200	120	—	—	—	13 kg
<b>Class 600 / DN40 (NPS 1-1/2)</b>	38	241	241	250	125	—	—	—	17 kg
<b>Class 600 / DN50 (NPS 2)</b>	49	292	295	300	156	—	—	—	25 kg
<b>Class 600 / DN65 (NPS 2-1/2)</b>	62	330	333	350	172	—	—	—	42 kg
<b>Class 600 / DN80 (NPS 3)</b>	74	356	359	500	220	305	370	76 kg	56 kg
<b>Class 600 / DN100 (NPS 4)</b>	100	432	435	650	250	305	400	123 kg	85 kg
<b>Class 900 / DN15 (NPS 1/2)</b>	13	216	216	150	98	—	—	—	9 kg
<b>Class 900 / DN20 (NPS 3/4)</b>	19	229	229	150	105	—	—	—	13 kg
<b>Class 900 / DN25 (NPS 1)</b>	25	254	254	200	110	—	—	—	16 kg
<b>Class 900 / DN32 (NPS 1-1/4)</b>	32	279	279	250	120	—	—	—	24 kg
<b>Class 900 / DN40 (NPS 1-1/2)</b>	38	305	305	250	125	—	—	—	31 kg
<b>Class 900 / DN50 (NPS 2)</b>	49	368	371	350	160	—	—	—	45 kg
<b>Class 1500 / DN15 (NPS 1/2)</b>	13	216	216	182	98	—	—	—	10 kg
<b>Class 1500 / DN20 (NPS 3/4)</b>	19	229	229	250	125	—	—	—	14 kg
<b>Class 1500 / DN25 (NPS 1)</b>	25	254	254	250	130	—	—	—	17 kg
<b>Class 1500 / DN32 (NPS 1-1/4)</b>	32	279	279	300	155	—	—	—	25 kg
	38	305	305	350	180	—	—	—	33 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**Class 1500 /  
DN40 (NPS 1-1/2)**

<b>Class 1500 / DN50 (NPS 2)</b>	49	368	371	450	225	—	—	—	48 kg
--------------------------------------	----	-----	-----	-----	-----	---	---	---	-------

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

API VALVE

# API Trunnion Ball Valve

REF **EFC-218** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN100 to DN900</b>
Pressure	<b>Class 150, Class 300</b>
End connection	<b>flanged (ANSI B16.5) / butt_weld (ANSI B16.25) / flanged (ANSI B16.5) / butt_weld (ANSI B16.25)</b>

## ACTUATION

- gear handwheel — Carbon Steel/Gray Iron gear
- pneumatic — available on request
- electric — available on request
- hydraulic — available on request

## CERTIFICATIONS

- Firesafe



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	ASTM A216 WCB, ASTM A351 CF8, ASTM A351 CF8M	O ring item 10	Viton
Stem	ASTM A182 F6a, ASTM A182 F304, ASTM A182 F316	Gland	ASTM A105, ASTM A182 F304, ASTM A182 F316
Gear	Carbon Steel, Gray Iron	Ball	ASTM A182 F6a, ASTM A182 F304, ASTM A182 F316
Seat	Reinforced PTFE	O ring item 14	Viton
Seat ring	ASTM A105, ASTM A182 F304, ASTM A182 F316	Spring	SS304 or Inconel 750, SS316 or Inconel 750
Body bolting	ASTM A193 B7, ASTM A193 B8	Body nut	ASTM A194 2H, ASTM A194 8
Cover item 8	ASTM A216 WCB, ASTM A351 CF8, ASTM A351 CF8M	Gasket	PTFE
Low trunnion	ASTM A105, ASTM A182 F304, ASTM A182 F316	Cover item 12	ASTM A216 WCB, ASTM A351 CF8, ASTM A351 CF8M

**FEATURES**

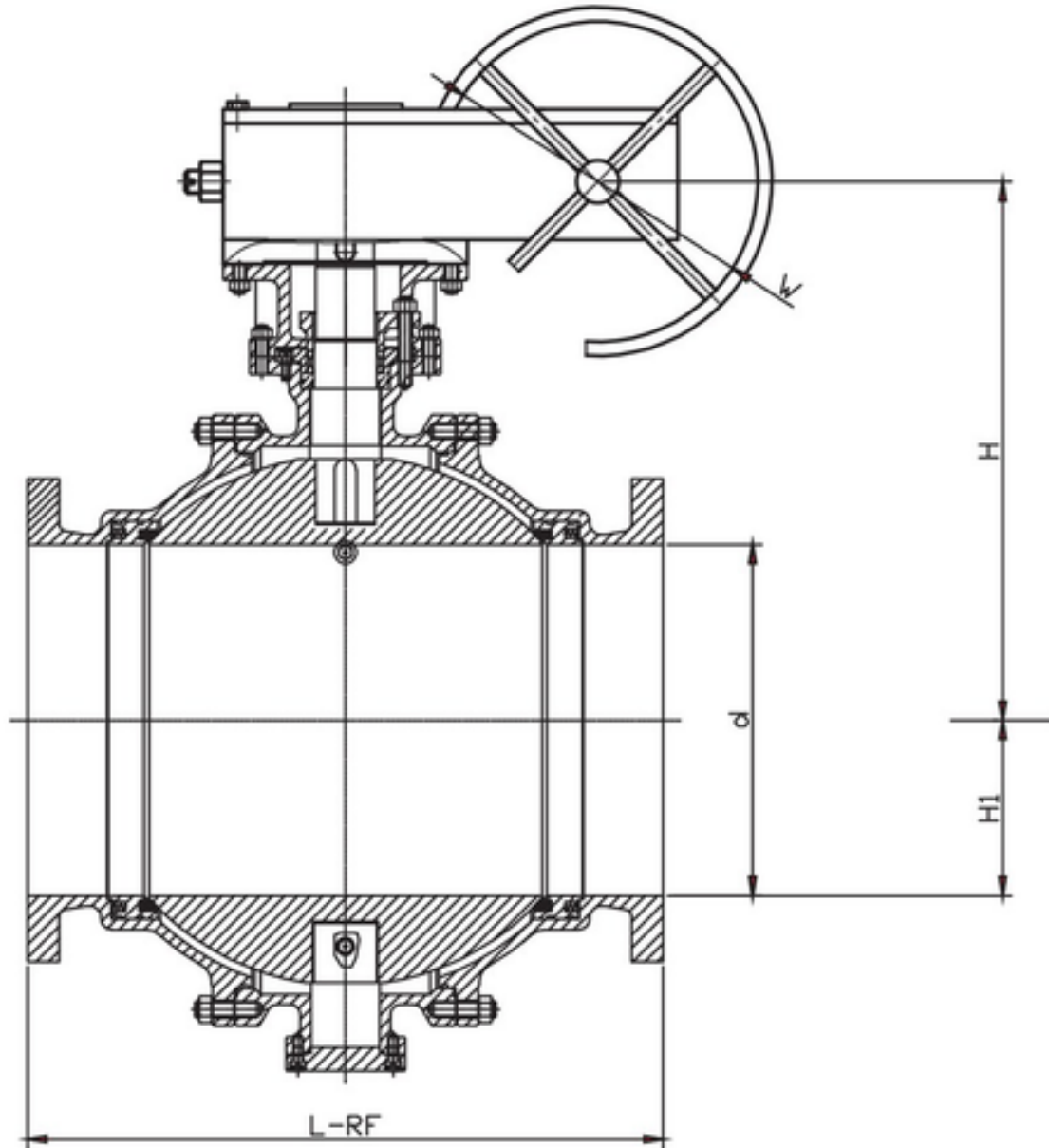
- Bolted cover construction
- Two-piece or three-piece body
- Anti-blowout stem
- Fire-safe design
- Anti-static design
- Trunnion-mounted ball
- Reinforced PTFE seats
- Available in multiple body material configurations including WCB/13Cr, WCB/304, WCB/316, CF8/304, CF8M/316

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

API VALVE

# API Trunnion Ball Valve

SECTION Technical drawing 1 REF EFC-218



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-218** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

API VALVE

# API Trunnion Ball Valve

SECTION Dimensions per size REF EFC-218

SIZE	L_RF	L_BW	D	H	H1	W	WEIGHT
<b>Class 150 / DN100 (NPS 4)</b>	229	305	100	250	135	300	60 kg
<b>Class 150 / DN125 (NPS 5)</b>	356	381	127	260	165	300	80 kg
<b>Class 150 / DN150 (NPS 6)</b>	394	457	150	285	193	400	101 kg
<b>Class 150 / DN200 (NPS 8)</b>	457	521	201	325	240	400	166 kg
<b>Class 150 / DN250 (NPS 10)</b>	533	559	252	370	293	500	283 kg
<b>Class 150 / DN300 (NPS 12)</b>	610	635	303	415	340	500	463 kg
<b>Class 150 / DN350 (NPS 14)</b>	686	762	334	455	372	600	622 kg
<b>Class 150 / DN400 (NPS 16)</b>	762	838	385	500	415	600	900 kg
<b>Class 150 / DN450 (NPS 18)</b>	864	914	436	540	462	600	1150 kg
<b>Class 150 / DN500 (NPS 20)</b>	914	991	487	590	511	600	1360 kg
<b>Class 150 / DN600 (NPS 24)</b>	1067	1143	589	680	601	600	2514 kg
<b>Class 150 / DN650 (NPS 26)</b>	1143	1245	633	800	700	600	3200 kg
<b>Class 150 / DN700 (NPS 28)</b>	1245	1346	684	960	780	700	4000 kg
<b>Class 150 / DN750 (NPS 30)</b>	1295	1397	735	1200	830	700	4800 kg
<b>Class 150 / DN800 (NPS 32)</b>	1372	1524	779	1380	870	700	5800 kg
<b>Class 150 / DN900 (NPS 36)</b>	1524	1727	874	1650	970	700	8000 kg
<b>Class 300 / DN100 (NPS 4)</b>	305	305	100	205	140	300	70 kg
<b>Class 300 / DN125 (NPS 5)</b>	381	381	127	260	170	300	95 kg
	403	457	150	285	192	400	128 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**Class 300 / DN150  
(NPS 6)**

<b>Class 300 / DN200 (NPS 8)</b>	502	521	201	325	246	400	234 kg
<b>Class 300 / DN250 (NPS 10)</b>	568	559	252	370	303	500	403 kg
<b>Class 300 / DN300 (NPS 12)</b>	648	635	303	415	348	500	602 kg
<b>Class 300 / DN350 (NPS 14)</b>	762	762	334	455	378	600	803 kg
<b>Class 300 / DN400 (NPS 16)</b>	838	838	385	500	429	600	1273 kg
<b>Class 300 / DN450 (NPS 18)</b>	914	914	436	540	518	600	1450 kg
<b>Class 300 / DN500 (NPS 20)</b>	991	991	487	590	540	600	1700 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## API Trunnion Ball Valve

Dimensions per size (continued) · EFC-218

SIZE	L_RF	L_BW	D	H	H1	W	WEIGHT
<b>Class 300 / DN600 (NPS 24)</b>	1143	1143	589	690	650	600	3100 kg
<b>Class 300 / DN650 (NPS 26)</b>	1245	1245	633	800	750	700	4500 kg
<b>Class 300 / DN700 (NPS 28)</b>	1346	1346	684	960	800	700	6000 kg
<b>Class 300 / DN750 (NPS 30)</b>	1397	1397	735	1200	860	700	7500 kg
<b>Class 300 / DN800 (NPS 32)</b>	1524	1524	779	1380	900	800	9000 kg
<b>Class 300 / DN900 (NPS 36)</b>	1727	1727	874	1650	1020	800	12000 kg

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

API VALVE

# API Swing Check Valve

REF **EFC-224** ISSUED 08 Jul 2026

## SPECIFICATIONS

End connection **flanged (ASME B16.5) / flanged (ASME B16.47A MSS SP-44) / flanged (ASME B16.47B API605) / butt-weld (ASME B16.25)**

Face-to-face **ASME B16.10**

## STANDARDS

Design **BS 1868-1873, ASME B16.34, API6D**

Test **API598, API6D**



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	A216WCB, A352 LCB, A217 WC1, A217 WC6, A217 WC9, A217 C5, A351 CF8, A351 CF8M, A351 CF3, A351 CF3M	Bonnet	A216 WCB, A352 LCB, A217 WC1, A217 WC6, A217 WC9, A217 C5, A351 CF8, A351 CF8M, A351 CF3, A351 CF3M
Disc	A216 WCB, A352 LCB, A217 WC1, A217 WC6, A217 WC9, A217 C5, A351 CF8, A351 CF8M, A351 CF3, A351 CF3M	Hinge	A216 WCB, A352 LCB, A217 WC1, A217 WC6, A217 WC9, A217 C5, A351 CF8, A351 CF8M, A351 CF3, A351 CF3M
Bolt	A193 B7, A320 L7, A193 B16, A193 B8	Nut	A194 2H, A194 4, A194 8
Disc nut	A194 2H, 410, 304, 316, 304L, 316L	Gasket	SS Spiral Wound W, graphite, PTFE, Reinforced PTFE
Eye bolt	Steel	Yoke	A216 WCB, A352 LCB, A217 WC1, A217 WC6, A217 WC9, A217 C5, A351 CF8, A351 CF8M, A351 CF3, A351 CF3M
Seat	F6, F304, Stellite, Monel, F316, Alloy 20		

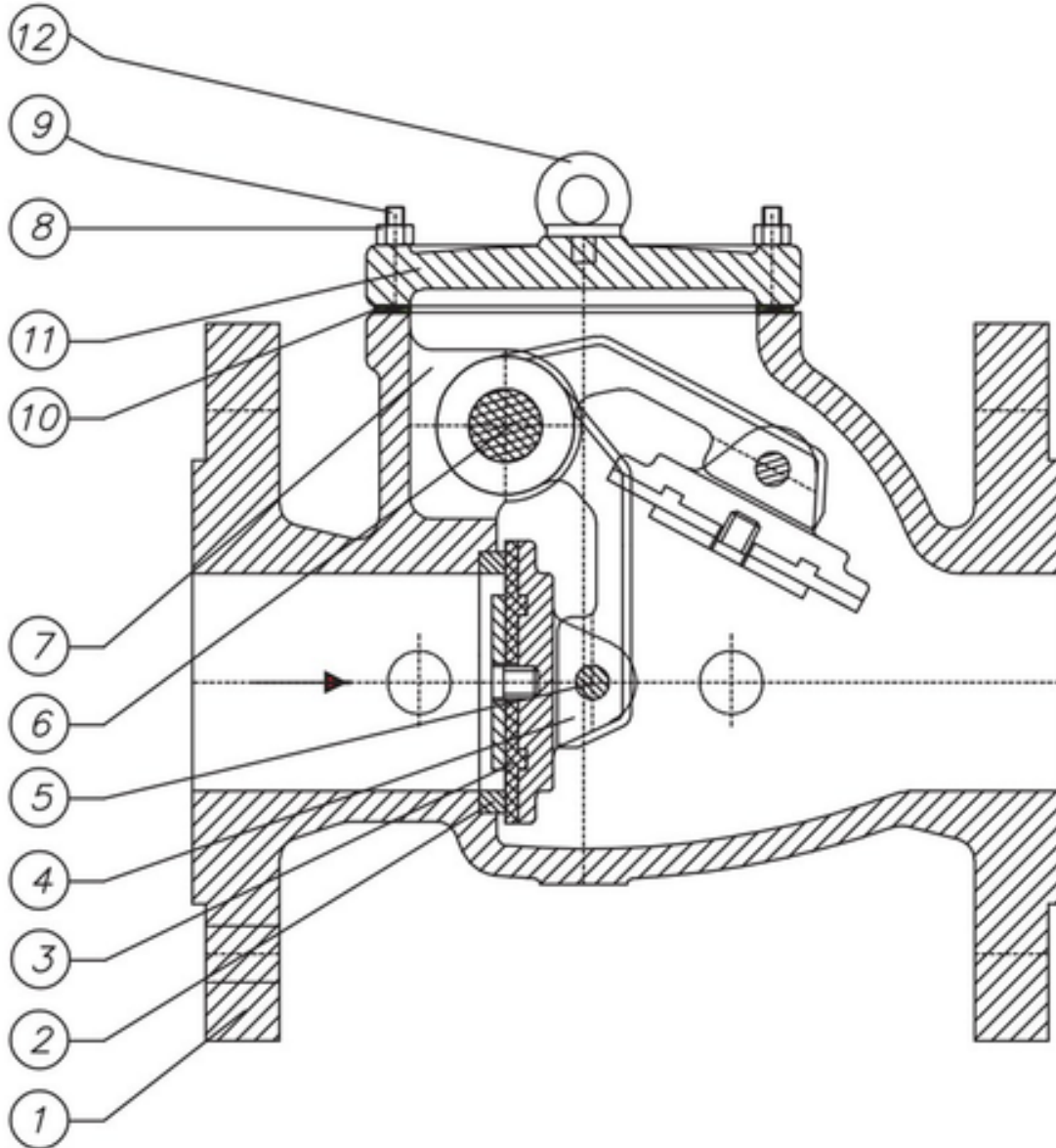
**FEATURES**

- Swing check mechanism with hinged disc
- Multiple trim code options (1, 2, 5, 8, 9, 10, 13) with varying seat ring, disc, and hinge pin surface materials
- Available in carbon steel, alloy steel, and stainless steel material configurations
- Wall thickness designed to API 600 and BS 1868
- Pressure-temperature ratings per ASME B16.34

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

# API Swing Check Valve

SECTION Technical drawing 1 REF EFC-224



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

API VALVE

# API Sleeve Type Soft Sealing Plug Valve

REF **EFC-233** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>NPS 1/2 to NPS 14</b>
Pressure	<b>Class 150 to Class 300</b>
End connection	<b>flanged (ASME B16.5) / flanged (ASME B16.5) / butt-weld (ASME B16.25)</b>
Face-to-face	<b>ASME B16.10, API 6D</b>

## ACTUATION

- worm gear (handwheel) — Cast iron or Carbon Steel worm

## STANDARDS

Design	<b>API 599, API 6D</b>
Test	<b>API 598</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>A216 WCB, A352 LCB, A217 WCI, A217 WC6, A217 WC9, A217 C5, A351 CF8, A351 CF8M, A351 CF3, A351 CF3M</b>	Sleeve	<b>PTFE</b>
Plug	<b>A182 F6a, A182 F304, A182 F316, A182 F304L, A182 F316L</b>	Bonnet	<b>A216 WCB, A352 LCB, A217 WCI, A217 WC6, A217 WC9, A217 C5, A351 CF8, A351 CF8M, A351 CF3, A351 CF3M</b>
Gasket	<b>Flexible Graphite+SS, PTFE</b>	Adjusting gasket	<b>A182 F6a, A182 F304, A182 F316, A182 F304L, A182 F316L</b>
Adjusting bolt	<b>A193 B7, A320 L7, A193 B16, A193 B8</b>	Bolt	<b>A193 B7, A320 L7, A193 B16, A193 B8</b>
Nut	<b>A194 2H, A194 4, A194 8</b>	Yoke	<b>A216 WCB, A351 CF8</b>
Worm	<b>Cast iron or Carbon Steel</b>		

**FEATURES**

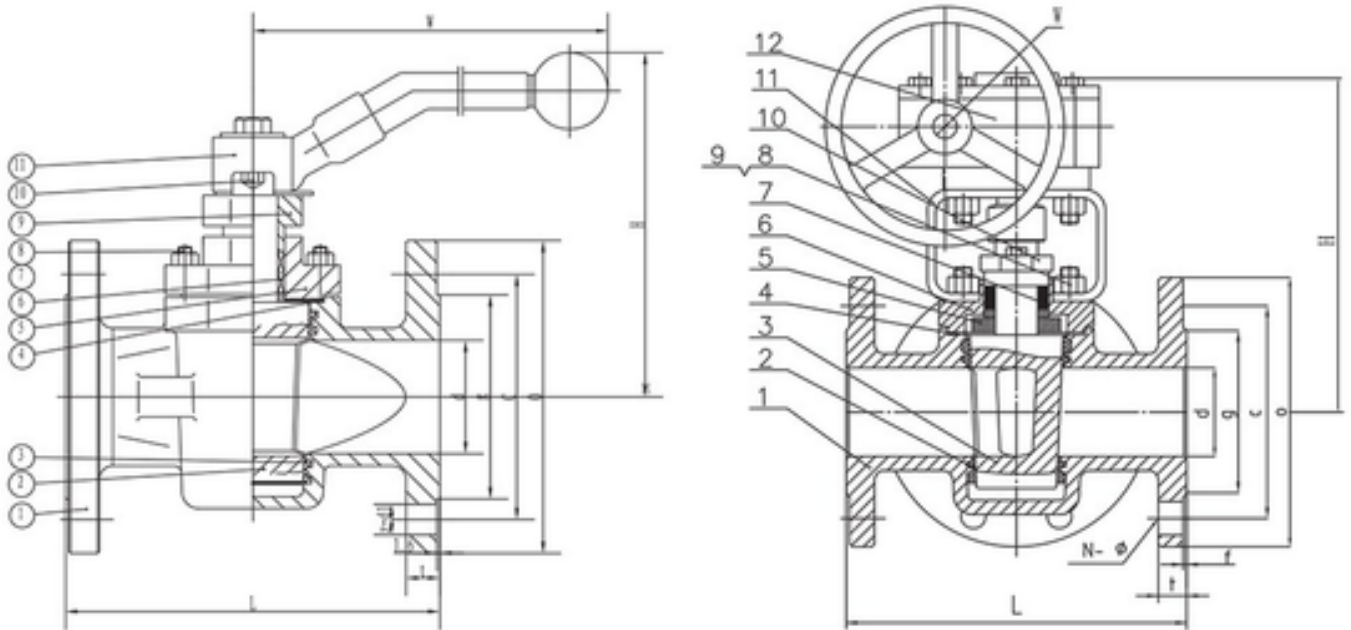
- PTFE sleeve provides soft sealing for the plug
- Adjustable gland arrangement with adjusting gasket and adjusting bolt
- Worm gear operator with yoke for larger sizes
- Available in carbon steel, alloy steel, and stainless steel material configurations
- Flexible graphite + SS or PTFE gasket options
- Flanged and butt-welding end connection options

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

API VALVE

# API Sleeve Type Soft Sealing Plug Valve

SECTION Technical drawing 1 REF EFC-233



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

API VALVE

## API Sleeve Type Soft Sealing Plug Valve

SECTION Dimensions per size REF EFC-233

SIZE	L_C150	D_C150	H_C150	DO_C150	L_C300	D_C300	H_C300	DO_C300	C300 KG	WEIGHT
NPS 1/2 (DN15)	108	13	110	175	140	13	110	175	9.5 kg	8.5 kg
NPS 3/4 (DN20)	117	19	115	175	152	19	115	175	10.5 kg	9.5 kg
NPS 1 (DN25)	127	25	115	175	165	25	115	175	12 kg	10.5 kg
NPS 1 1/4 (DN32)	140	32	135	220	178	32	135	220	14 kg	12 kg
NPS 1 1/2 (DN40)	165	38	140	280	190	38	140	280	16 kg	14 kg
NPS 2 (DN50)	178	49	150	305	216	49	150	305	20 kg	18 kg
NPS 2 1/2 (DN65)	190	62	165	350	241	62	165	350	24 kg	22 kg
NPS 3 (DN80)	203	74	180	405	283	74	180	405	29 kg	26 kg
NPS 4 (DN100)	229	100	380	300	305	100	380	300	53 kg	40 kg
NPS 5 (DN125)	254	127	460	300	381	127	460	300	75 kg	60 kg
NPS 6 (DN150)	267	150	520	320	403	150	520	320	85 kg	70 kg
NPS 8 (DN200)	292	201	580	320	419	201	580	320	185 kg	130 kg
NPS 10 (DN250)	330	252	620	350	457	252	620	350	230 kg	219 kg
NPS 12 (DN300)	356	303	680	380	502	303	680	380	390 kg	381 kg
NPS 14 (DN350)	381	334	760	450	762	334	760	450	550 kg	570 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

API VALVE

# API Lubricated Plug Valve

REF **EFC-234** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>NPS 1/2 to NPS 14</b>
Pressure	<b>Class 150 to Class 300</b>
End connection	<b>flanged (ASME B16.5) / flanged (ASME B16.5) / butt-weld (ASME B16.25)</b>
Face-to-face	<b>ASME B16.10, API 6D</b>

## ACTUATION

- manual handwheel — Handwheel Operation
- gear operator — Gear Operation

## STANDARDS

Design	<b>API 599, API 6D</b>
Test	<b>API 598</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	A216 WCB, A352 LCB, A217 WCI, A217 WC6, A217 WC9, A217 C5, A351 CF8, A351 CF8M, A351 CF3, A351 CF3M	Cover	A216 WCB, A352 LCB, A217 WCI, A217 WC6, A217 WC9, A217 C5, A351 CF8, A351 CF8M, A351 CF3, A351 CF3M
Gasket	Flexible Graphite+SS, PTFE	Plug	A182 F6a, A182 F304, A182 F316, A182 F304L, A182 F316L
Stem	A182 F6a, A182 F304, A182 F316, A182 F304L, A182 F316L	O ring	NBR, Viton
Packing	Flexible Graphite+SS, PTFE	Gland	A216 WCB, A352 LCB, A217 WCI, A217 WC6, A217 WC9, A217 C5, A351 CF8, A351 CF8M, A351 CF3, A351 CF3M
Bolt	A193 B7, A320 L7, A193 B16, A193 B8	Nut	A194 2H, A194 4, A194 8
Check valve	SS	Nozzle	SS
Wrench	Ductile Iron, Carbon Steel		

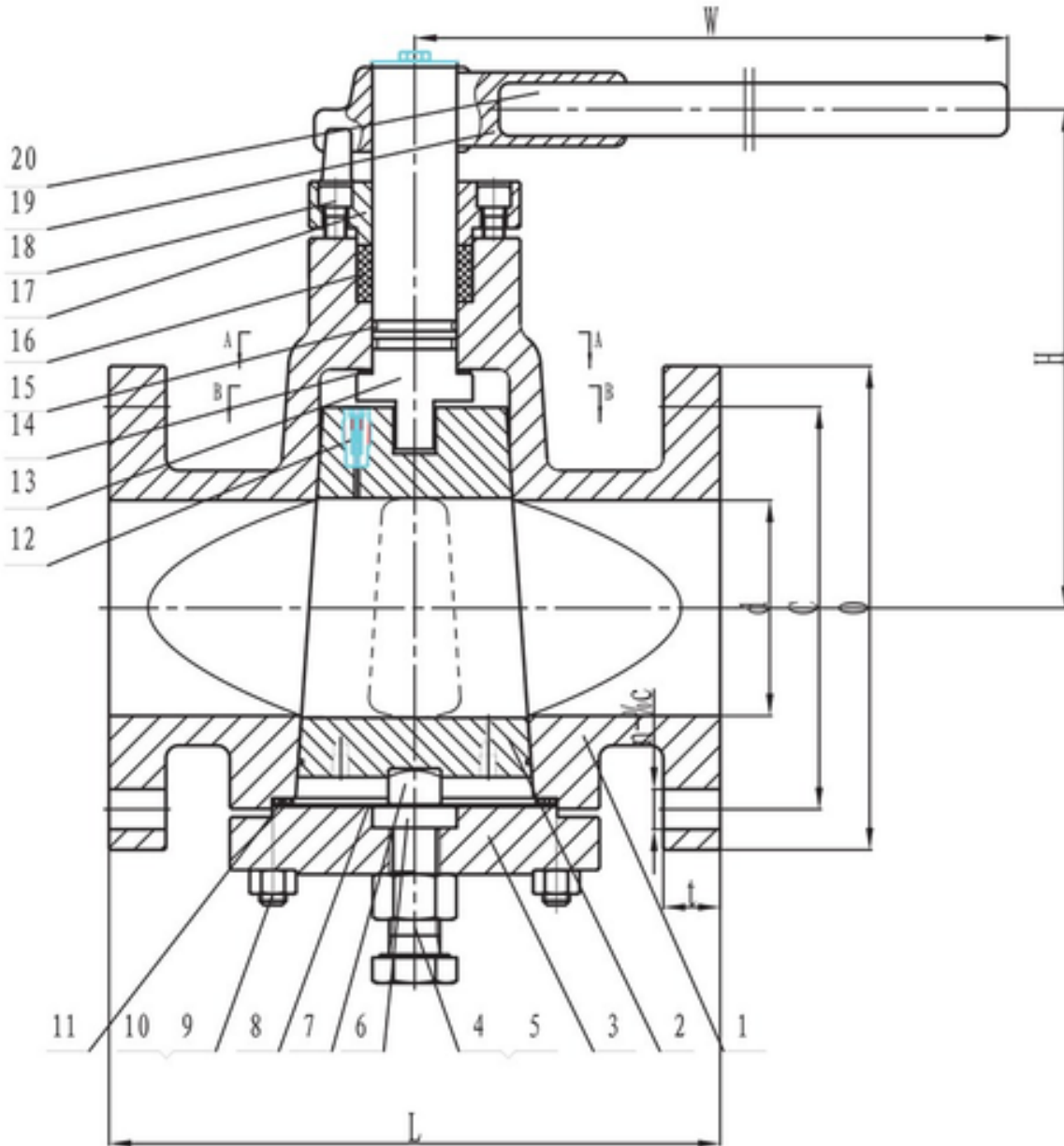
**FEATURES**

- Inverted pressure-balance construction
- Lubricated plug design
- Tapered plug element
- Check valve incorporated for lubrication retention
- Available in carbon steel, alloy steel, and stainless steel material configurations

API VALVE

# API Lucricated Plug Valve

SECTION Technical drawing 1 REF EFC-234



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

API VALVE

# API Lubricated Plug Valve

SECTION Dimensions per size REF EFC-234

SIZE	L_C150	D_C150	H_C150	W_C150	L_C300	D_C300	H_C300	W_C300	C300	KG	WEIGHT
NPS 1/2 (DN15)	108	13	180	400	140	13	180	400	12 kg		10 kg
NPS 3/4 (DN20)	117	19	180	400	152	19	180	400	14 kg		12 kg
NPS 1 (DN25)	127	25	185	500	165	25	185	500	16 kg		14 kg
NPS 1 1/4 (DN32)	140	32	200	500	178	32	200	600	19 kg		17 kg
NPS 1 1/2 (DN40)	165	38	214	600	190	38	210	600	21 kg		19 kg
NPS 2 (DN50)	178	49	215	600	216	49	215	820	24 kg		21 kg
NPS 2 1/2 (DN65)	190	62	250	820	241	62	250	1000	31 kg		29 kg
NPS 3 (DN80)	203	74	270	820	283	74	270	1000	36 kg		33 kg
NPS 4 (DN100)	229	100	300	300	305	100	300	300	61 kg		48 kg
NPS 5 (DN125)	254	127	340	300	381	127	340	300	86 kg		75 kg
NPS 6 (DN150)	267	150	365	320	403	150	365	320	130 kg		98 kg
NPS 8 (DN200)	292	201	400	320	419	201	400	320	190 kg		125 kg
NPS 10 (DN250)	330	252	450	350	457	252	450	350	255 kg		171 kg
NPS 12 (DN300)	356	303	510	380	502	303	510	380	380 kg		230 kg
NPS 14 (DN350)	381	334	590	380	762	334	590	380	560 kg		370 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

API VALVE

# API Forged Steel Gate Valve

REF **EFC-424** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN50</b>
Pressure	<b>Class 800, Class 900, Class 1500, Class 2500</b>
End connection	<b>threaded (ASME B1.20.1) / socket_weld (ASME B16.11)</b>
Face-to-face	<b>ASME B16.11, ASME B1.20.1</b>

## STANDARDS

Design	<b>API 602</b>
Test	<b>API 598</b>



## MATERIALS

Body	<b>ASTM A105, ASTM A182 F304, ASTM A182 F316</b>	Disc	<b>ASTM A105, ASTM A182 F304, ASTM A182 F316</b>
Stem	<b>ASTM A182 F6, ASTM A182 F304, ASTM A182 F316</b>	Bonnet	<b>ASTM A105, ASTM A182 F304, ASTM A182 F316</b>
Gland flange	<b>ASTM A105, ASTM A182 F304, ASTM A182 F316</b>	Stem nut	<b>ASTM A276 Gr.410</b>
Handwheel	<b>ASTM A197</b>		

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

API VALVE

# API Forged Steel Gate Valve

SECTION Dimensions per size REF EFC-424

SIZE	NPS	L	D	H	W	NPT	WEIGHT
DN15	1/2"	79	13	153	100	1/2"	2 kg
DN20	3/4"	92	13	153	100	3/4"	2.2 kg
DN25	1"	111	18	185	125	1"	3.6 kg
DN32	1 1/4"	120	29	222	160	1 1/4"	6.2 kg
DN40	1 1/2"	120	29	240	160	1 1/2"	6.2 kg
DN50	2"	140	36.5	279	180	2"	9.7 kg
DN15	1/2"	92	13	181	125	1/2"	3.5 kg
DN20	3/4"	111	13	181	125	3/4"	4 kg
DN25	1"	120	18	218	160	1"	6 kg
DN32	1 1/4"	120	24	237	160	1 1/4"	7 kg
DN40	1 1/2"	140	29	274	180	1 1/2"	10.8 kg
DN50	2"	160	36.8	319	200	2"	15.5 kg
DN15	1/2"	150	14	284	160	1/2"	10 kg
DN20	3/4"	150	14	284	160	3/4"	12.8 kg
DN25	1"	170	19	327	200	1"	22.5 kg
DN32	1 1/4"	200	25	374	250	1 1/4"	31.7 kg
DN40	1 1/2"	200	28	377	250	1 1/2"	33 kg
DN50	2"	250	35	434	300	2"	38 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## API VALVE

# API Forged Steel Check Valve

REF **EFC-426** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN50</b>
Pressure	<b>Class 800, Class 900, Class 1500, Class 2500</b>
End connection	<b>threaded (ASME B1.20.1) / socket_weld (ASME B16.11)</b>

## STANDARDS

Design	<b>API 602</b>
Test	<b>API 598</b>

## MATERIALS

Body	<b>ASTM A105, ASTM A182 F304, ASTM A182 F316</b>	Disc	<b>ASTM A105, ASTM A182 F304, ASTM A182 F316</b>
Gasket	<b>Graphite+SS304, Graphite+SS316</b>	Bonnet	<b>ASTM A105, ASTM A182 F304, ASTM A182 F316</b>
Bolt	<b>A193 B7, A193 B8</b>	Nut	<b>A194 2H, A194 8</b>

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

API VALVE

# API Forged Steel Check Valve

SECTION Dimensions per size REF EFC-426

SIZE	PISTON_L	PISTON_D	PISTON_H	PIS- TON_NPT	SWING_L	SWING_D	SWING_H	SWING_NPT
DN15	79	10	54.5	1/2"	79	13	54.5	1/2"
DN20	92	13	54.5	3/4"	92	13	54.5	3/4"
DN25	111	17.5	72	1"	111	18	72	1"
DN32	120	23	81	1 1/4"	120	24	81	1 1/4"
DN40	152	28.5	94	1 1/2"	120	29	94	1 1/2"
DN50	172	35	112	2"	140	36.8	112	2"
DN15	92	10	73	1/2"	92	13	73	1/2"
DN20	111	13	73	3/4"	111	13	73	3/4"
DN25	120	17.5	84	1"	120	18	84	1"
DN32	152	23	97	1 1/4"	120	24	97	1 1/4"
DN40	172	28.5	115	1 1/2"	140	29	115	1 1/2"
DN50	220	35	132	2"	160	36.8	132	2"
DN15	150	11	102	1/2"	—	—	—	—
DN20	150	14	102	3/4"	—	—	—	—
DN25	170	19	107	1"	—	—	—	—
DN32	200	25	128	1 1/4"	—	—	—	—
DN40	200	28	128	1 1/2"	—	—	—	—
DN50	250	35	143	2"	—	—	—	—

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

PLUG VALVE

# Plug Valve (2 way)

REF **EFC-189** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN50 to DN200</b>
Pressure	<b>PN10 to PN40</b>
End connection	<b>flanged (DIN EN 1092-1/2) / flanged (DIN EN 1092-1/2) / flanged (BS 4504)</b>
Face-to-face	<b>DIN EN 558-1/1</b>

## ACTUATION

- manual lever — wrench/lever operated

## STANDARDS

Design	<b>BS 1735</b>
--------	----------------

## MATERIALS

Body	<b>GG 25, GGG-40, GS-C 25</b>	Plug	<b>GG 25, GGG-40, GS-C 25</b>
Gasket	<b>EPDM, Klingerit</b>	Bonnet	<b>GG 25, GGG-40, GS-C 25</b>
Packing	<b>PTFE</b>	Gland	<b>GG 25, GGG-40, GS-C 25</b>

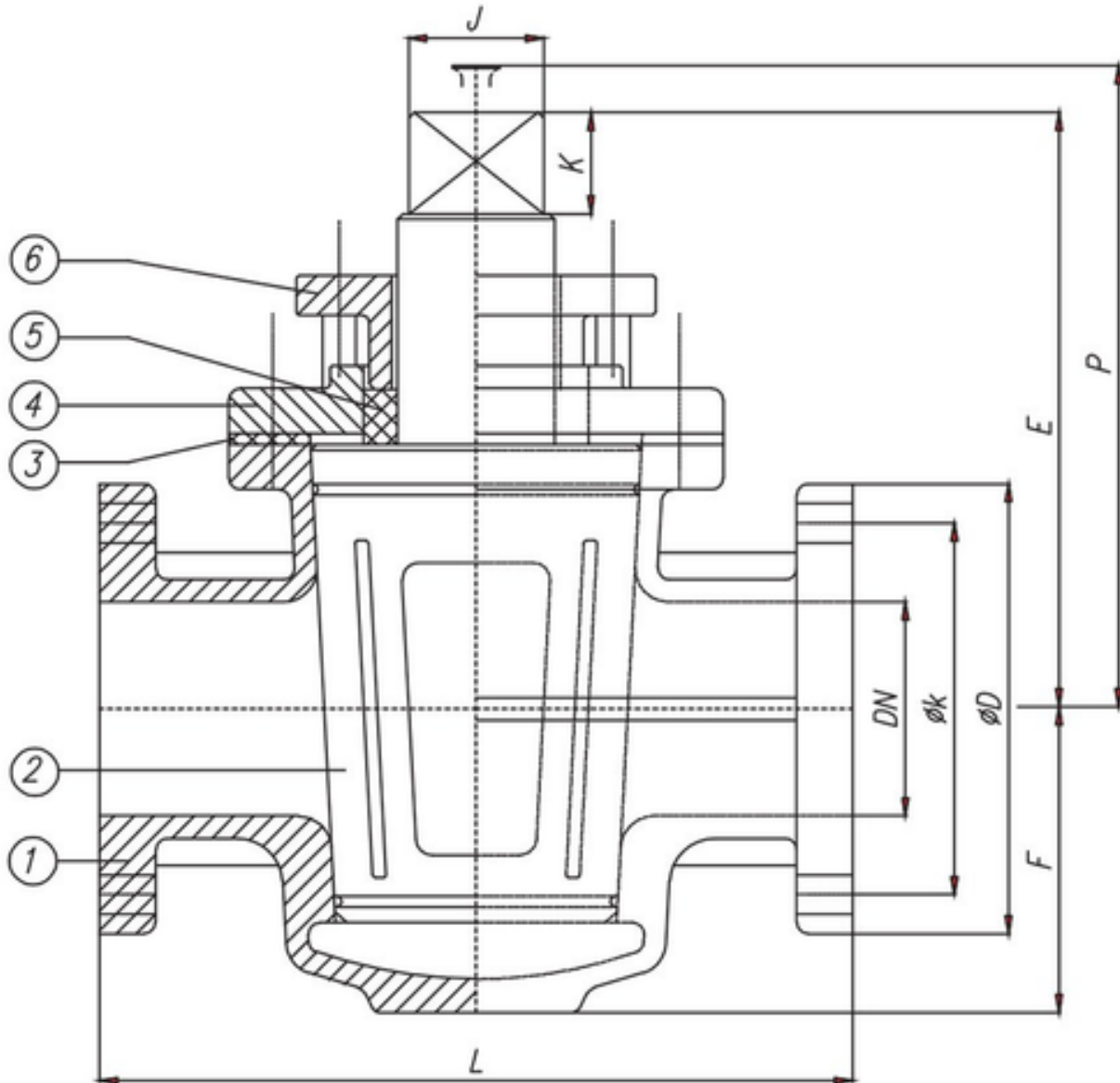


Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

PLUG VALVE

# Plug Valve (2 way)

SECTION Technical drawing 1 REF EFC-189



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

PLUG VALVE

# Plug Valve (2 way)

SECTION Dimensions per size REF EFC-189

SIZE	L	E	F	P	J	K	PN10 D	PN10 K	PN16 D	PN16 K	PN40 D	PN40 K	ASA125 D	ASA125 K	ASA150 D	ASA150 K	WEIGHT
<b>DN50</b>	230	160	70	225	27	27	165	125	165	125	165	125	152.4	120.7	152.4	120.7	15 kg
<b>DN65</b>	290	173	85	254	32	32	185	145	185	145	185	145	178	139.7	178	139.7	20 kg
<b>DN80</b>	310	211	100	292	37	38	200	160	200	160	200	160	191	152.4	191	152.4	28 kg
<b>DN100</b>	350	230	114	350	41	46	220	180	220	180	235	190	229	190.5	229	190.5	32 kg
<b>DN125</b>	400	265	124	365	41	46	250	210	250	210	270	220	254	216	254	216	60 kg
<b>DN150</b>	480	292	162	422	54	60	285	240	285	240	300	250	279.5	241.3	279.5	241.3	87 kg
<b>DN200</b>	600	327	192	457	54	60	340	295	340	295	375	320	343	298.5	343	298.5	105 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

PLUG VALVE

# Plug Valve (3 way)

REF **EFC-190** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN25 to DN100</b>
Pressure	<b>PN10 to PN40</b>
End connection	<b>flanged (DIN EN 1092) / flanged (DIN EN 1092) / flanged (BS 4504) / flanged (BS 4504)</b>
Face-to-face	<b>BS 1735</b>
Temperature	<b>-25°C to 400°C</b>

## ACTUATION

- manual lever — lever handle



## MATERIALS

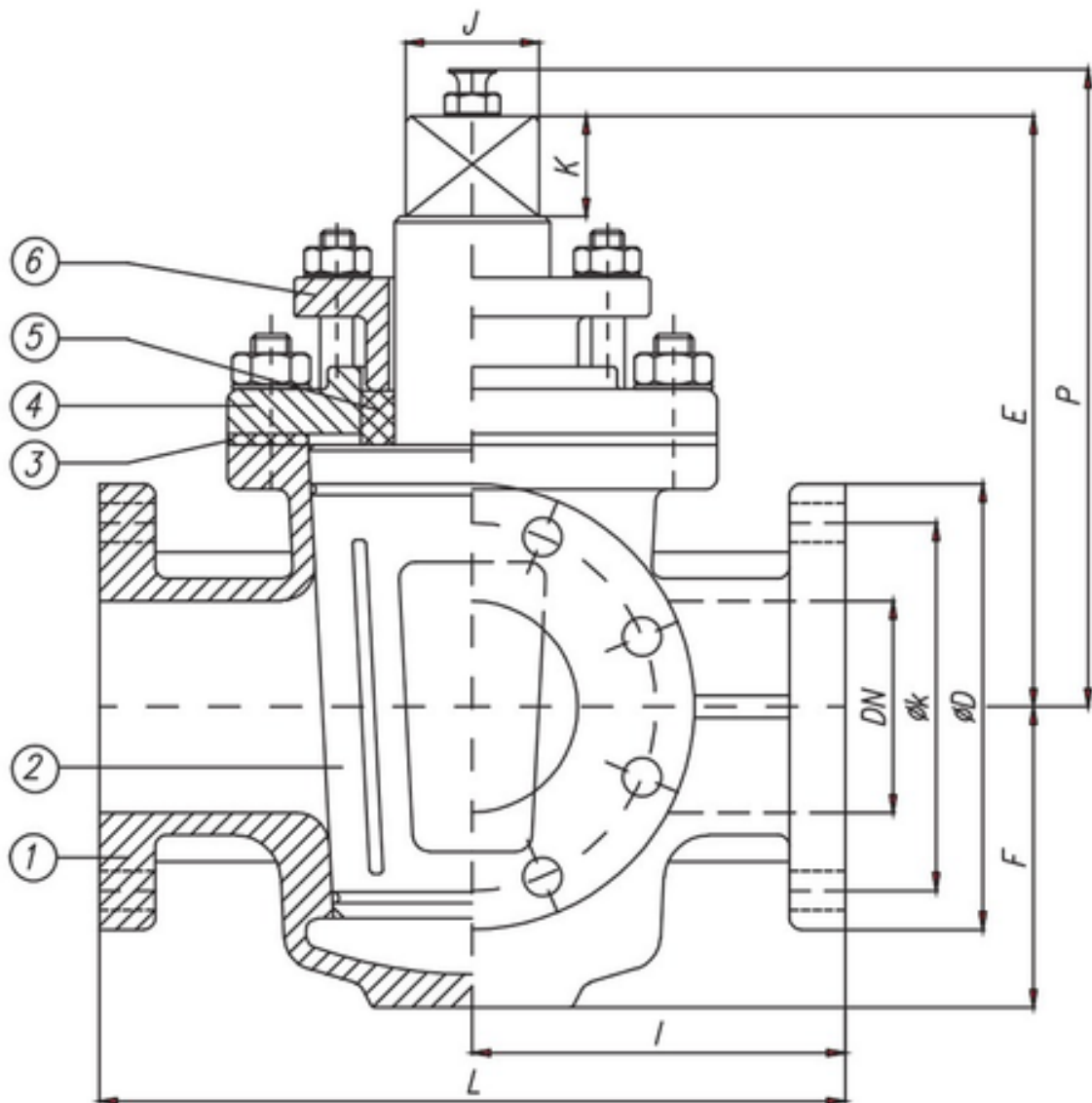
Body	<b>GG 25, GGG 40, GSC 25, SS 304, SS 316, Bronze Rg-5</b>	Plug	<b>GG 25, GGG 40, GSC 25, SS 304, SS 316, Bronze Rg-5</b>
Gasket	<b>EPDM, Klingenit</b>	Bonnet	<b>GG 25, GGG 40, GSC 25, SS 304, SS 316, Bronze Rg-5</b>
Packing	<b>PTFE+Graphite</b>	Gland	<b>GG 25, GGG 40, GSC 25, SS 304, SS 316, Bronze Rg-5</b>

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

PLUG VALVE

# Plug Valve (3 way)

SECTION Technical drawing 1 REF EFC-190



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

PLUG VALVE

# Plug Valve (3 way)

SECTION Dimensions per size REF EFC-190

SIZE	L	E	F	P	J	K	PN10 D	PN10 K	PN16 D	PN16 K	PN40 D	PN40 K	ASA125 D	ASA125 K	ASA150 D	ASA150 K	WEIGHT
<b>DN25</b>	160	149	57	214	27	27	115	85	115	85	115	85	108	79	108	79	5.5 kg
<b>DN32</b>	180	165	65	230	27	27	140	100	140	100	140	100	117	89	117	89	8.5 kg
<b>DN40</b>	200	189	76	270	32	32	150	110	150	110	150	110	127	98.5	127	98.5	10 kg
<b>DN50</b>	230	211	95	292	38	38	165	125	165	125	165	125	152.4	120.7	152.4	120.7	17 kg
<b>DN65</b>	290	246	114	340	41	—	185	145	185	145	185	145	178	139.7	178	139.7	23 kg
<b>DN80</b>	310	260	143	360	48	51	200	160	200	160	200	160	191	152.4	191	152.4	30 kg
<b>DN100</b>	350	304	175	405	51	—	220	180	220	180	235	190	229	190.5	229	190.5	55 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-190** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

PLUG VALVE

# Plug Valve (3 way)

REF **EFC-191** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN25 to DN100</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>flanged (DIN EN 1092) / flanged (BS 4504) / flanged (ASA 125) / flanged (ASA 150)</b>
Face-to-face	<b>BS 1735</b>

## ACTUATION

- manual lever — Lever operated



## MATERIALS

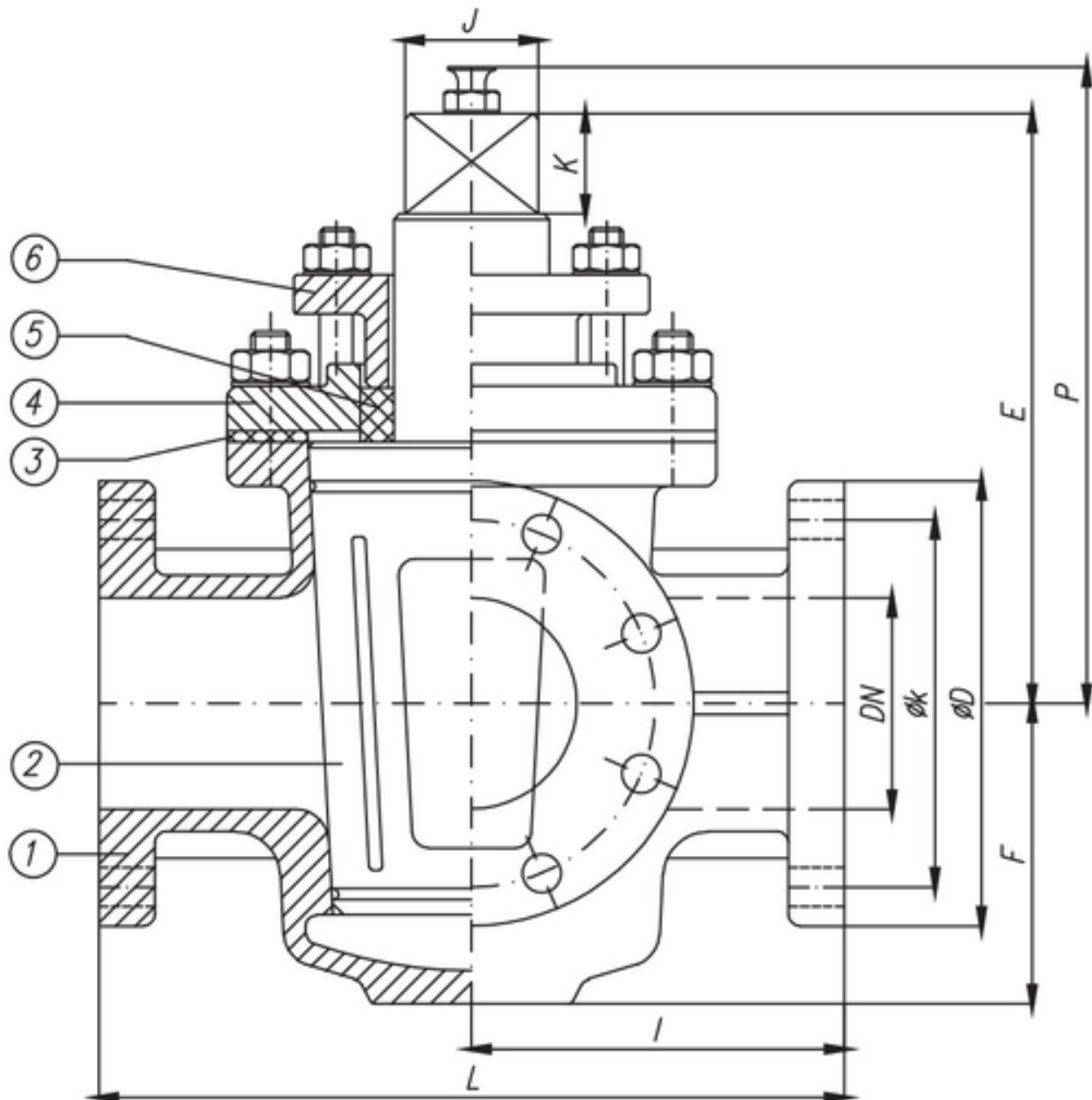
Body	<b>Bronze Rg-5</b>	Plug	<b>Bronze Rg-5</b>
Gasket	<b>EPDM, Klingerit</b>	Bonnet	<b>Bronze Rg-5</b>
Packing	<b>PTFE+Graphite</b>	Gland	<b>Bronze Rg-5</b>

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

PLUG VALVE

# Plug Valve (3 way)

SECTION Technical drawing 1 REF EFC-191



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

PLUG VALVE

# Plug Valve (3 way)

SECTION Dimensions per size REF EFC-191

SIZE	L	I	E	F	P	J	K	PN10 D	PN10 K	PN16 D	PN16 K	PN40 D	PN40 K	KASA125/150 D	KASA125/150 K	WEIGHT
DN25	165	130	149	57	214	27	27	115	85	115	85	115	85	108	79	6.5 kg
DN32	203	150	165	65	230	27	27	140	100	140	100	140	100	117	89	10.5 kg
DN40	222	175	189	76	270	32	32	150	110	150	110	150	110	127	98.5	12 kg
DN50	241	190	211	95	292	38	38	165	125	165	125	165	125	152.4	120.7	20.5 kg
DN65	267	210	246	114	340	41	—	185	145	185	145	185	145	178	139.7	28 kg
DN80	305	265	260	143	360	48	51	200	160	200	160	200	160	191	152.4	36 kg
DN100	256	310	304	175	405	51	—	220	180	220	180	235	190	229	190.5	66 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-191** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

PLUG VALVE

# PVGX - Eccentric Plug Valve

REF **EFC-388** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN600</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>flanged (EN 1092-1) / flanged (EN 1092-1) / flanged (ANSI B16.1)</b>

## ACTUATION

- worm\_gear
- power\_actuator
- extension\_rod

## STANDARDS

Design	<b>AWWA C517, ANSI B16.1, EN 1092-1</b>
--------	---

## APPLICATIONS

- Raw sewage
- Sludge
- Abrasive slurries
- Industrial effluent
- Wastewater treatment



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	Ductile Iron ASTM 65-45-12	Plug	Ductile Iron ASTM 65-45-12 + NBR rubber coated
Plug rubber options	NBR, EPDM, Neoprene, Viton	V seal	NBR
Gland	Grey Iron A125 CL B	Cover	Ductile Iron ASTM 65-45-12
Sleeve bearing	Stainless Steel AISI 304	O ring	Rubber NBR
Thrust washer	PTFE	Gear adaptor	Ductile Iron ASTM 65-45-12
Fasteners	Stainless Steel AISI 304		

**FEATURES**

- The PVGX eccentric plug valve uses an offset plug that lifts clear of the seat as it opens, eliminating rubbing contact and dramatically reducing operating torque and wear
- The plug face contacts the seat only in the fully closed position, providing a positive shut-off with minimal seat wear
- Suitable for raw sewage, sludge, abrasive slurries and general industrial service where conventional valves wear rapidly
- 99% Nickel welded seat for high corrosion resistance
- DN100-DN300 round port; DN350-DN600 square port, giving full path for the flow

**PRESSURE-TEMPERATURE RATING**

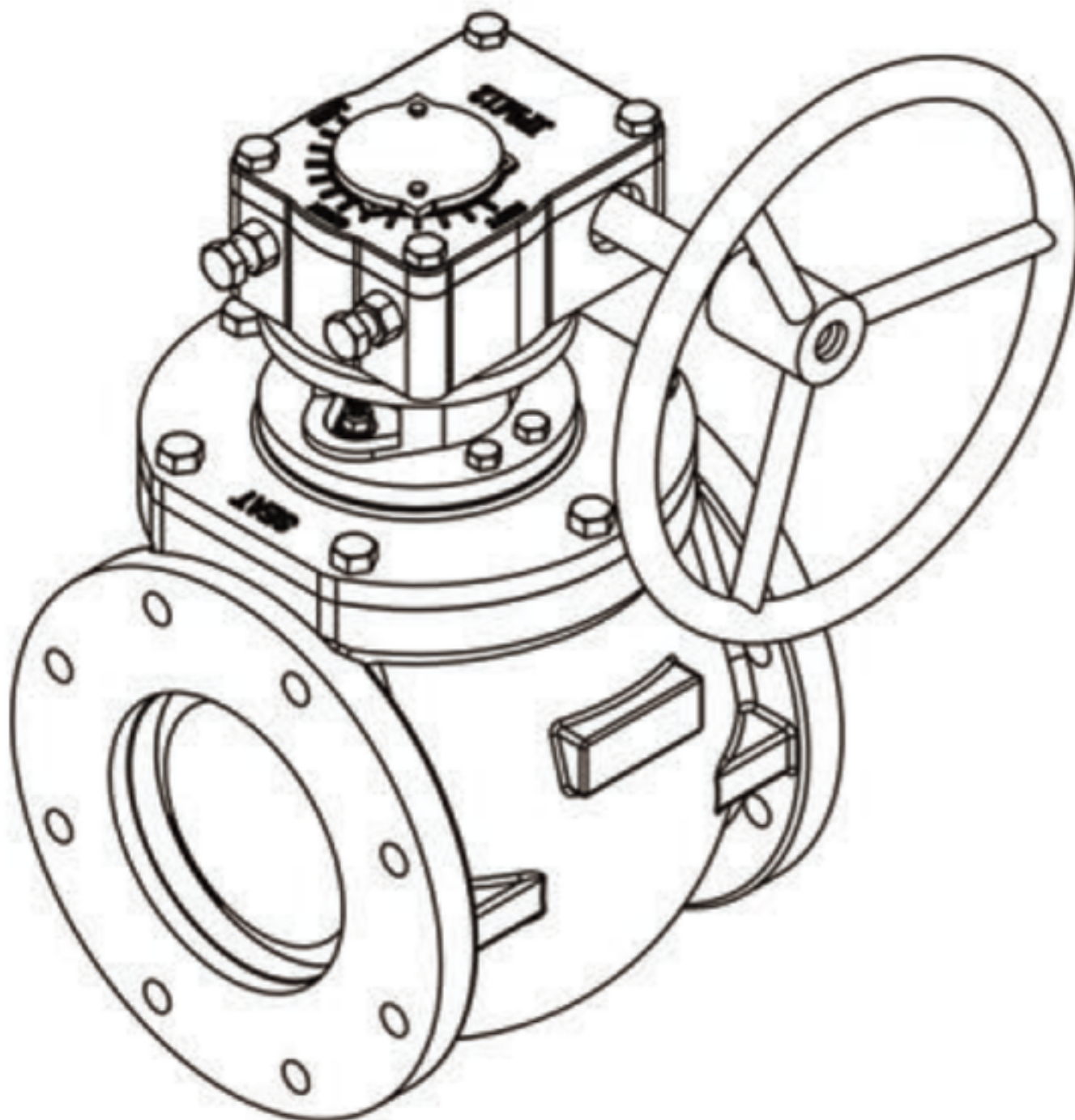
CLASS	TEMPERATURE	MAX PRESSURE
PN10	-10°C	10 bar
PN10	80°C	10 bar
PN16	-10°C	16 bar
PN16	80°C	16 bar

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

PLUG VALVE

# PVGX - Eccentric Plug Valve

SECTION Technical drawing 1 of 4 REF EFC-388



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-388** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

PLUG VALVE

## PVGX - Eccentric Plug Valve

SECTION Technical drawing 2 of 4 REF EFC-388



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-388** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

PLUG VALVE

# PVGX - Eccentric Plug Valve

SECTION Technical drawing 3 of 4 REF EFC-388

DN	A	B	C	D	E	F	ISO7005-2 PN10						ISO7005-2 PN16						S	T		
							d	f	G	H	J	K	L	d	f	G	H	J			K	L
DN80	203	19	111	215	38	200	132	3	160	N/A	N/A	M16	8	132	3	160	N/A	N/A	M16	8	24	8×7
DN100	229	24	132	238	45	230	156	3	180	N/A	N/A	M16	8	156	3	180	N/A	N/A	M16	8	31	10×8
DN150	267	25	171	288	42	285	211	3	240	N/A	N/A	M20	8	211	3	240	N/A	N/A	M20	8	31	10×8
DN200	292	28	207	345	50	345	266	3	295	N/A	N/A	M20	8	266	3	295	N/A	N/A	M20	12	38	10×8
DN250	330	30	226	392	78	406	319	3	350	23	8	M20	4	319	3	355	28	8	M24	4	41.3	11.1×11.1
DN300	356	32	254	436	78	483	370	4	400	23	8	M20	4	370	4	410	28	8	M24	4	50.8	12.7×12.7

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

PLUG VALVE

# PVGX - Eccentric Plug Valve

SECTION Technical drawing 4 of 4 REF EFC-388

DN	A	B	C	D	E	F	ISO7005-2 PN10							ISO7005-2 PN16							S	T
							d	f	G	H	J	K	L	d	f	G	H	J	K	L		
DN350	432	35	350	440	38	534	429	4	460	23	12	M20	4	429	4	470	28	12	M24	4	63.5	5/8×7/16
DN400	451	37	385	460	42	597	480	4	515	28	8	M24	8	480	4	525	31	8	M27	8	63.5	5/8×7/16
DN450	546	40	420	490	42	635	530	4	565	28	12	M24	8	548	4	585	31	12	M27	8	63.5	5/8×7/16
DN500	597	43	440	570	51	715	582	4	620	28	12	M24	8	609	4	650	34	12	M30	8	63.5	5/8×7/16
DN600	1067	48	525	610	76	840	682	5	725	31	20	N/A	N/A	720	5	770	37	20	N/A	N/A	95.2	7/8×5/8

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

PLUG VALVE

# PVGX - Eccentric Plug Valve

SECTION Dimensions per size REF EFC-388

SIZE	A	B	C	D	E	F	S	T
DN80	203	19	111	215	38	200	24	null
DN100	229	24	132	238	45	230	31	—
DN150	267	25	171	288	42	285	31	—
DN200	292	28	207	345	50	345	38	—
DN250	330	30	226	392	78	406	41.3	—
DN300	356	32	254	436	78	483	50.8	—
DN350	432	35	350	440	38	534	63.5	—
DN400	451	37	385	460	42	597	63.5	—
DN450	546	40	420	490	42	635	63.5	—
DN500	597	43	440	570	51	715	63.5	—
DN600	1067	48	525	610	76	840	95.2	—

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

PLUG VALVE

# Jacketed Asphalt Plug Valve

REF **EFC-421** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN200</b>
Pressure	<b>40 bar</b>
End connection	<b>flanged (EN 1092) / flanged (EN 1092) / flanged (EN 1092) / flanged (ASME B16.5)</b>
Face-to-face	<b>EN 5558 Series 3, ASME B16.10</b>
Temperature	<b>-10°C to 425°C</b>

## STANDARDS

Design	<b>ASME B16.34</b>
--------	--------------------



## MATERIALS

Body	<b>GG25, GGG40, GSC25, SS304, SS316</b>	Plug	<b>GG25, GGG40, GSC25, SS304, SS316</b>
Bonnet	<b>GG25, GGG40, GSC25, SS304, SS316</b>	Gland	<b>GG25, GGG40, GSC25, SS304, SS316</b>
Gasket	<b>Klingerit, Graphite</b>	Packing	<b>Graphite</b>

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

PLUG VALVE

# Jacketed Asphalt Plug Valve

SECTION Dimensions per size REF EFC-421

SIZE	OD	OK	NXOD	L	E	J	K	Q	CL150 OD	CL150 OK	CL150 NXOD	WEIGHT
DN50 (PN16)	165	125	4x18	178	160	27	27	3/4" in	152.5	120.7	4x19	15 kg
DN50 (PN25)	165	125	4x18	178	160	27	27	3/4" in	152.5	120.7	4x19	15 kg
DN50 (PN40)	165	125	4x18	178	160	27	27	3/4" in	152.5	120.7	4x19	15 kg
DN65 (PN16)	185	145	4x18	191	173	32	32	1" in	178	139.7	4x19	20 kg
DN65 (PN25)	185	145	8x18	191	173	32	32	1" in	178	139.7	4x19	20 kg
DN65 (PN40)	185	145	8x18	191	173	32	32	1" in	178	139.7	4x19	20 kg
DN80 (PN16)	200	160	8x18	203	211	37	38	1" in	190.5	152.4	4x19	28 kg
DN80 (PN25)	200	160	8x18	203	211	37	38	1" in	190.5	152.4	4x19	28 kg
DN80 (PN40)	200	160	8x18	203	211	37	38	1" in	190.5	152.4	4x19	28 kg
DN100 (PN16)	220	180	8x18	229	230	41	46	1" in	228.5	190.5	8x19	32 kg
DN100 (PN25)	235	190	8x22	229	230	41	46	1" in	228.5	190.5	8x19	32 kg
DN100 (PN40)	235	190	8x22	229	230	41	46	1" in	228.5	190.5	8x19	32 kg
DN125 (PN16)	250	210	8x18	254	265	41	46	1" in	254	215.9	8x22	60 kg
DN125 (PN25)	270	220	8x26	254	265	41	46	1" in	254	215.9	8x22	60 kg
DN125 (PN40)	270	220	8x26	254	265	41	46	1" in	254	215.9	8x22	60 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Jacketed Asphalt Plug Valve

Dimensions per size (continued) · EFC-421

SIZE	OD	OK	NXOD	L	E	J	K	Q	CL150 OD	CL150 OK	CL150 NXOD	WEIGHT
<b>DN150 (PN16)</b>	285	240	8x22	267	292	54	60	1" in	279.5	241.3	8x22	87 kg
<b>DN150 (PN25)</b>	300	250	8x26	267	292	54	60	1" in	279.5	241.3	8x22	87 kg
<b>DN150 (PN40)</b>	300	250	8x26	267	292	54	60	1" in	279.5	241.3	8x22	87 kg
<b>DN200 (PN16)</b>	340	295	12x22	292	327	54	60	1" in	343	298.5	8x22	105 kg
<b>DN200 (PN25)</b>	360	310	12x26	292	327	54	60	1" in	343	298.5	8x22	105 kg
<b>DN200 (PN40)</b>	375	320	12x30	292	327	54	60	1" in	343	298.5	8x22	105 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-421** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

KNIFE GATE VALVE

# KNIFE GATE VALVE

REF **EFC-25** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN800</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>wafer / flanged</b>
Media	<b>cement slurry, pulp, wood pulp, slag, cinder, slime, tailings, dust, fibre, chemically treated sewage, sedimentation tank media, asphalt, silo outlet media, fruit, grain, slaughterhouse wastewater, oil, water, steam</b>

## ACTUATION

- handwheel
- electric
- pneumatic

## APPLICATIONS

- coal preparation
- slag discharge
- urban sewage treatment
- food processing
- papermaking
- pharmaceutical
- petroleum
- chemical
- mining power plants



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>WCB, SS304</b>	Stem	<b>WCB, ZG1Cr18Ni9Ti, SS304</b>
Sealing	<b>2Cr13, 0Cr18Ni9 (304)</b>	Packing	<b>Hard-alloy, PTFE, V-shape PTFE, Flexible graphite Rings</b>
Seat	<b>PTFE</b>		

**FEATURES**

- Low fluid resistance; sealing surface subject to minimal medium erosion
- Gate incorporates shear function to scrape sticky matter from sealing surfaces and remove debris
- Stainless steel gate prevents seal leakage caused by corrosion
- Flow direction not restricted; no pressure disturbance or reduction
- Short structural length
- Simple form
- Rising stem with exposed leadscrew
- Gear handwheel operator
- Twin stainless steel guide columns/tie rods
- Lug-type body (through-bolt holes around flange perimeter)
- Elastomer-lined seat visible in open bore

KNIFE GATE VALVE

# Knife Gate Valve

REF **EFC-287** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN65 to DN300</b>
Pressure	<b>1.0 to 4.0</b>
End connection	<b>wafer / lug</b>
Temperature	<b>null°C to 200°C</b>
Media	<b>slag water, slurry, pulp, powder, waste-water</b>

## ACTUATION

- manual handwheel
- pneumatic
- electric

## STANDARDS

Design	<b>DIN, ISO</b>
--------	-----------------

## COATINGS & LINING

- corrosion-resistant coating

## APPLICATIONS

- mining
- paper
- chemical processing
- sewage treatment



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

Body	<b>Ductile Iron</b>	Oring	<b>NBR</b>
Sealing	<b>NBR, EPDM</b>	Disc	<b>316</b>
Packing	<b>PTFE</b>	Gland	<b>WCB</b>
Bolt	<b>201</b>	Nut bolt	<b>201</b>
Pin	<b>201</b>	Split pin	<b>200</b>
Yoke	<b>A3</b>	Stem	<b>2cr13</b>
Yoke head	<b>WCB</b>	Stem nut	<b>Brass</b>
Bearing	<b>Zchsnsb10-6</b>	Yoke head cap	<b>WCB</b>
Nut	<b>201</b>	Handwheel	<b>Ductile Iron</b>

## FEATURES

- One-piece body construction
- Sharp-edged gate for cutting through thick or solid-laden media
- Stainless steel or alloy blade
- Unidirectional shut-off design minimises pressure loss
- Non-clogging structure
- Low operating torque
- Pressure-tested and inspected before shipment
- Available with handwheel operator (gearbox) actuator
- Available with pneumatic cylinder actuator
- Available with manual lever operator
- Lug-type body configuration
- Knife gate / slide gate design with full-bore through port
- Stainless steel gate/blade visible on larger bore versions
- Range of sizes visible from small bore (approx DN50) up to large bore (approx DN400+)

## OPTIONS & NOTES

- Special size, color can be made according to customer's requirement.

KNIFE GATE VALVE

# Knife Gate Valve

SECTION Dimensions per size REF EFC-287

SIZE	L	D	D1	D2	D0	N-TH	D	H	H1
DN65	48	185	145	118	180	4-M16	Ø18	335	415
DN80	51	200	160	132	220	8-M16	Ø18	360	455
DN100	51	220	180	156	240	8-M16	Ø18	400	515
DN125	57	250	210	184	240	8-M16	Ø18	455	595
DN150	57	285	240	212	280	8-M20	Ø23	510	675
DN200	60	340	295	266	300	12-M20	Ø23	585	805
DN250	70	405	355	319	320	12-M24	Ø27	695	965
DN300	76	460	410	370	320	12-M24	Ø27	765	1085

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

KNIFE GATE VALVE

# Knife Gate Valve

REF **EFC-335** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN3000</b>
Pressure	<b>2bar to 16bar</b>
End connection	<b>wafer (BS) / wafer (DIN) / lug (DIN) / flanged (DIN) / wafer (ASME) / wafer (JIS) / wafer (BS)</b>
Face-to-face	<b>MSS SP-81</b>
Temperature	<b>0°C to 0°C</b>
Media	<b>coal, slag, sewage, food, paper pulp, pharmaceutical media, petroleum, chemicals, water, oil, steam, grout, gold powder, ores, coal, wood pulp, tailings, fibres, dust, asphalt, fruit juices, cereals, slaughter plant waste</b>



## ACTUATION

- handwheel
- gear box
- electric actuator
- pneumatic actuator
- hydraulic actuator
- sprocket
- electrohydraulic actuator
- gear

## STANDARDS

Design	<b>MSS SP-81</b>
Test	<b>API-598</b>

## APPLICATIONS

- Power plant coal handling
- Slag discharge
- Sewage treatment

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

- Food processing
- Paper making
- Pharmaceutical industry
- Petroleum and chemical industry
- Water supply
- Oil pipelines
- Steam service
- Grout cutting and connecting
- Mining (gold powder, ores, tailings)
- Pulp and wood pulp handling
- Dust handling
- Sedimentation tanks
- Asphalt handling
- Grain and cereal handling
- Slaughter plant waste

**MATERIALS**

Body bi directional	<b>GGG40</b>	Wedge bi directional	<b>SS316L, SS304</b>
Seal	<b>EPDM, NBR, FKM</b>	Packing	<b>Aramid fiber, High-water-based rubber packing, Graphite wheel</b>
Body unidirectional	<b>F55, F53, 2205, SS310, CF3M, CF3, CF8M, CF8, WCB, GGG40</b>	Knife unidirectional	<b>F55, F53, 2205, SS310, SS316L, SS316, SS304</b>

**FEATURES**

- Bi-directional seal variant available
- Unidirectional seal variant available
- 1PC body design (bi-directional variant)
- Full port design (bi-directional variant)
- Reduced fluid retention in valve body (bi-directional variant)
- 2PC strong yoke design (bi-directional variant)
- Mixed variety of packing materials
- Additional bonnet design (unidirectional variant)
- High-pressure rating available on request (unidirectional variant)
- Gate isolated from environment to prevent corrosion (unidirectional variant)
- U-shaped flexible seal without grooves prevents sediment retention (bi-directional variant)
- Sealing by knife edge pressing wedge block combined with seat seal (unidirectional variant)

**OPTIONS & NOTES**

- High pressure as request (unidirectional variant)

**PRESSURE-TEMPERATURE RATING**

CLASS	TEMPERATURE	MAX PRESSURE
—		16bar
—		14bar
—		12bar
—		10bar
—		8bar
—		5bar
—		4bar
—		3bar
—		2bar
—		10bar
—		16bar
—		8bar
—		6bar
—		5bar
—		3bar
—		2bar
—		10bar

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

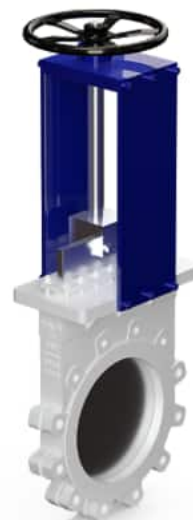
KNIFE GATE VALVE

# Short Pattern Slab Gate Valve

REF **EFC-441** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN900</b>
Pressure	<b>PN3 to PN50</b>
End connection	<b>flanged (ASME B16.5) / flanged (ASME B16.47) / flanged (MSS SP-81) / butt weld (ASME B16.25) / clamp</b>
Face-to-face	<b>ASME B16.10, GB/T 12221, MSS SP-81</b>
Temperature	<b>-46°C to 200°C</b>
Media	<b>mud, pulp, urban sewage, sugar factory effluent, powder, paper industry media, pharmaceutical media, chemical industry media</b>



## ACTUATION

- Handwheel
- Umbrella Wheel
- Gearbox
- Electric actuator
- Pneumatic actuator
- Hydraulic actuator
- Electro-hydraulic actuator
- Chain wheel

## STANDARDS

Design	<b>MSS SP-81, JB/T 8691</b>
Test	<b>MSS SP-81, API 598</b>

## APPLICATIONS

- Mud and slurry handling
- Pulp processing
- Urban sewage treatment
- Sugar factory processes

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

- Powder handling
- Paper industry
- Pharmaceutical industry
- Chemical industry

## MATERIALS

---

Body **Carbon steel, Low-temperature carbon steel, Stainless steel, Duplex steel**

---

## FEATURES

---

- Short-pattern structure reduces valve weight and eliminates need for pipe support frames
- Gate self-scrapes attached media during opening and closing, aiding sealing
- Knife gate profile cuts through media, suitable for slurry and slagging applications
- Clamp connection with wedge limit provides sealing force and reliable seal
- Wear-resistant bushings available in different materials to extend service life
- Combined packing sealing system for improved sealing performance
- Multiple actuation options: electric, gearbox, pneumatic, hydraulic

## OPTIONS & NOTES

---

- Wear-resistant bushings of different materials can be provided according to requirements

QUICK CLOSING VALVE

# Quick Closing Valve Straight Form VDAK-16

REF **EFC-153** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN200</b>
Pressure	<b>PN16</b>
End connection	<b>flanged (DN 2533)</b>
Face-to-face	<b>DIN 3202/2-F1</b>

## ACTUATION

- manual handwheel — GG25 handwheel



## MATERIALS

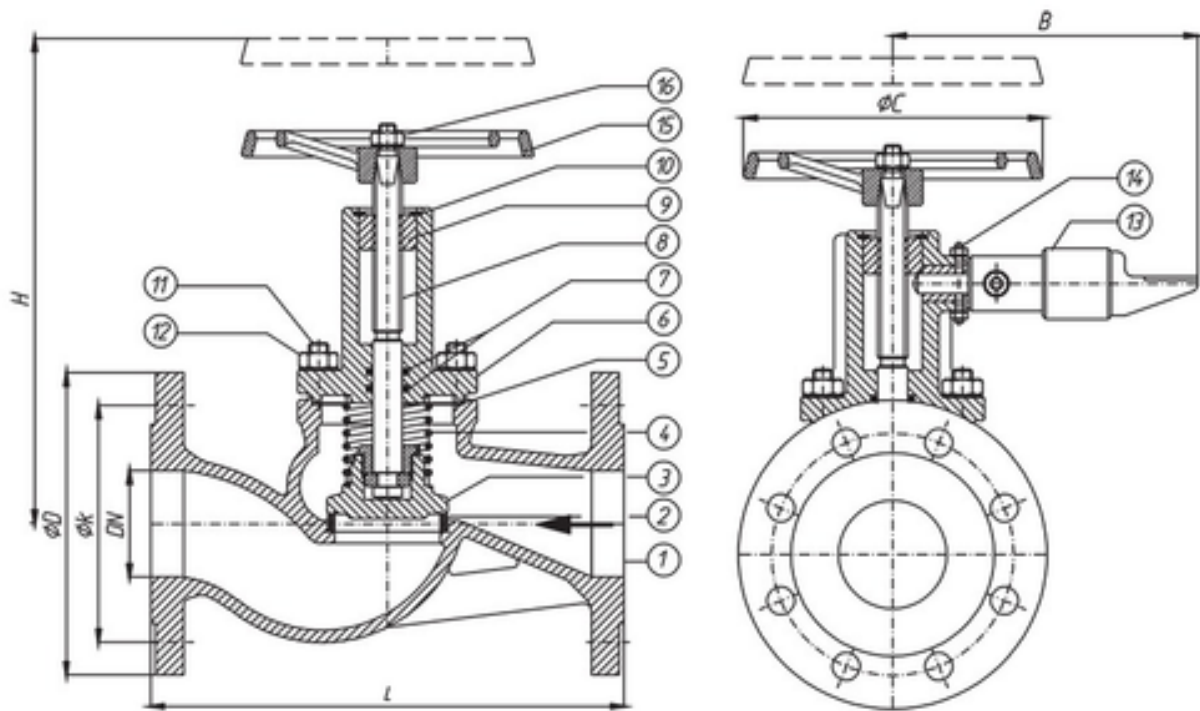
Body	<b>GG40, GGG40.3, GSC25, Bronze RG5, RG7, RG10, CuSn10, SS304, SS316, Duplex 1.4470</b>	Seat	<b>AISI 304, AISI 316, Bronze RG5, Duplex</b>
Disc	<b>AISI 420, AISI 304, AISI 316, Bronze RG5, Duplex</b>	Spring	<b>AISI 302</b>
Gasket	<b>Klingerite, Graphite</b>	Bonnet	<b>GG40, GGG40.3, GSC25, Bronze RG5, RG7, RG10, CuSn10, SS304, SS316, Duplex 1.4470</b>
O ring	<b>Viton</b>	Spindle	<b>AISI 420, AISI 304, AISI 316, Bronze RG5, Duplex</b>
Stem nut	<b>AISI 420, AISI 304, AISI 316, Bronze RG5, Duplex</b>	Segment	<b>Steel</b>
Stud	<b>Steel, A2, A4</b>	Nut	<b>Steel, A2, A4</b>
Piston	<b>Brass</b>	Stud nut	<b>Steel, A2, A4</b>
Handwheel	<b>GG25</b>	Nut 16	<b>Steel, A2, A4</b>

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

QUICK CLOSING VALVE

# Quick Closing Valve Straight Form VDAK-16

SECTION Technical drawing 1 REF EFC-153



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

QUICK CLOSING VALVE

## Quick Closing Valve Straight Form VDAK-16

SECTION Dimensions per size REF EFC-153

SIZE	L	B	OC	H_OPEN	D	K	WEIGHT
DN15	130	145	120	185	95	65	4.4 kg
DN20	150	145	120	185	105	75	5.5 kg
DN25	160	145	140	195	115	85	6.5 kg
DN32	180	145	140	205	140	100	7.5 kg
DN40	200	145	160	230	150	110	10.5 kg
DN50	230	145	160	240	165	125	13.5 kg
DN65	290	145	180	275	185	145	17.5 kg
DN80	310	145	200	290	200	160	24 kg
DN100	350	145	225	350	220	180	33 kg
DN125	400	150	250	410	250	210	55 kg
DN150	480	150	300	430	285	240	95 kg
DN200	600	155	400	580	340	295	130 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

QUICK CLOSING VALVE

# Quick Closing Valve Angle Form

REF **EFC-154** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN200</b>
Pressure	<b>PN16</b>
End connection	<b>flanged (DIN EN 1092)</b>
Face-to-face	<b>DIN EN 558-1-8</b>

## ACTUATION

- manual handwheel — G625 handwheel

## STANDARDS

Design	<b>DIN 3202/2-F32, TSEK DIN 3202/2-F32</b>
--------	--



## MATERIALS

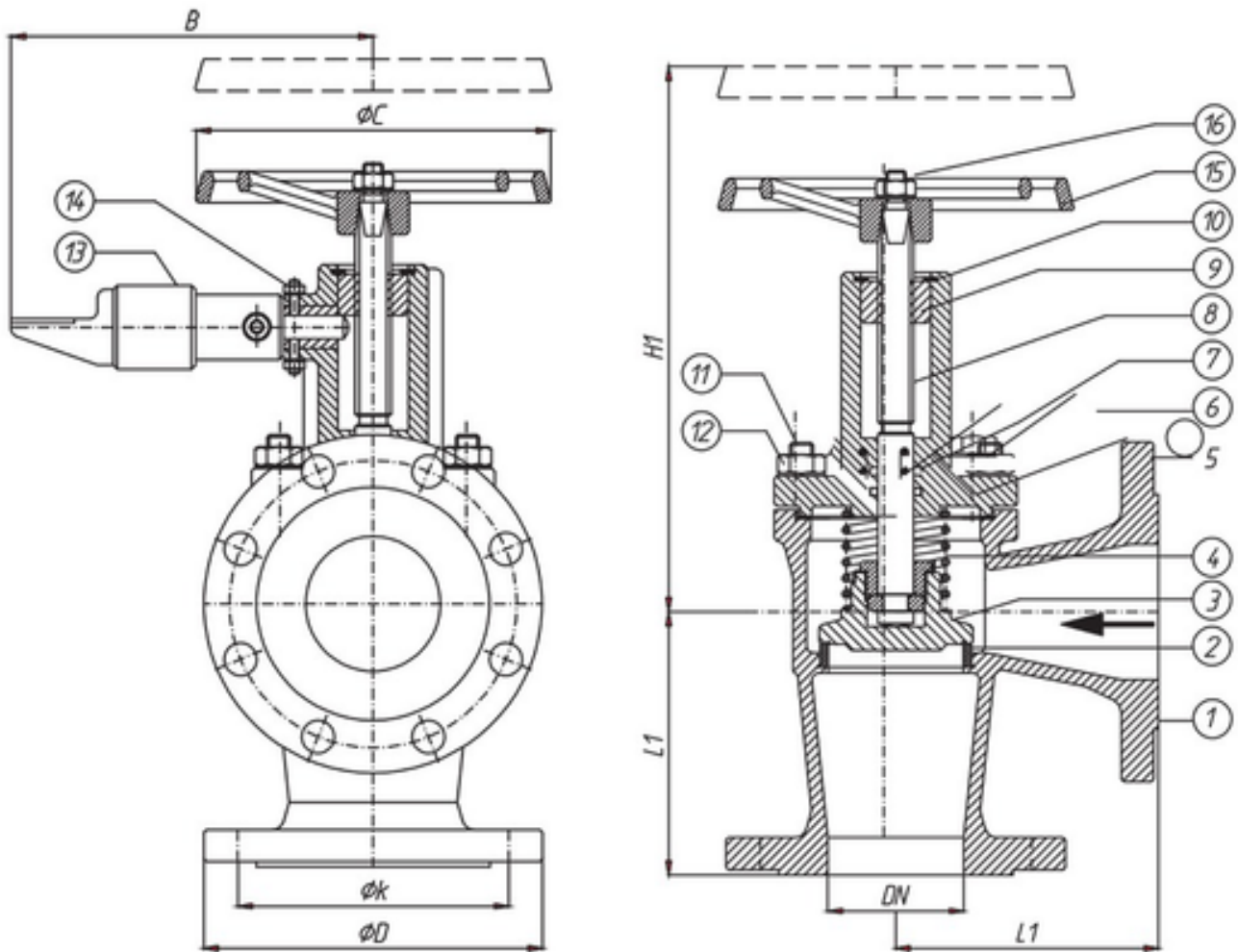
Body	<b>GG640, GGG40.3, GSC25, Bronze RG5, Bronze RG7, RG10, CuSn10, SS304, SS316, Duplex 1.4470</b>	Seat	<b>AISI 304, AISI 316, Bronze RG5, Duplex</b>
Disc	<b>AISI 420, AISI 304, AISI 316, Bronze RG5, Duplex</b>	Spring	<b>AISI 302</b>
Gasket	<b>Klingerite, Graphite</b>	Bonnet	<b>GG640, GGG40.3, GSC25, Bronze RG5, Bronze RG7, RG10, CuSn10, SS304, SS316, Duplex 1.4470</b>
O ring	<b>Viton</b>	Stem	<b>AISI 420, AISI 304, AISI 316, Bronze RG5, Duplex</b>
Stem nut	<b>AISI 420, AISI 304, AISI 316, Bronze RG5, Duplex</b>	Segment	<b>Steel</b>
Stud	<b>Steel, A2, A4</b>	Nut	<b>Steel, A2, A4</b>
Piston	<b>Brass</b>	Stud nut	<b>Steel, A2, A4</b>
Handwheel	<b>G625</b>		

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

QUICK CLOSING VALVE

# Quick Closing Valve Angle Form

SECTION Technical drawing 1 REF EFC-154



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

QUICK CLOSING VALVE

# Quick Closing Valve Angle Form

SECTION Dimensions per size REF EFC-154

SIZE	L	B	ØC	H_OPEN	D	K	WEIGHT
DN15	90	145	120	185	95	65	4.4 kg
DN20	95	145	120	185	105	75	5.5 kg
DN25	100	145	120	195	115	85	6.5 kg
DN32	105	145	140	205	140	100	8 kg
DN40	115	145	140	230	150	110	10.5 kg
DN50	125	145	160	240	165	125	13 kg
DN65	145	145	160	275	185	145	17 kg
DN80	155	145	180	290	200	160	24 kg
DN100	175	145	200	350	220	180	30 kg
DN125	200	150	225	410	250	210	45 kg
DN150	225	150	250	430	285	240	65 kg
DN200	275	155	400	580	340	295	110 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

QUICK CLOSING VALVE

# Self Closing Valve Straight & Angle Type Straight VAKD-16 / Angle VAKK-16

REF **EFC-155** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN100</b>
Pressure	<b>PN16</b>
End connection	<b>flanged (DIN EN 1092-1-2)</b>
Face-to-face	<b>DIN 3356/2-F1, DIN 3356/2-F32, DIN EN 558-1-1, DIN EN 558-1-8</b>

## ACTUATION

- gravity/weight lever — Self-closing via counterweight (GG25 cast iron weight) on lever arm



## MATERIALS

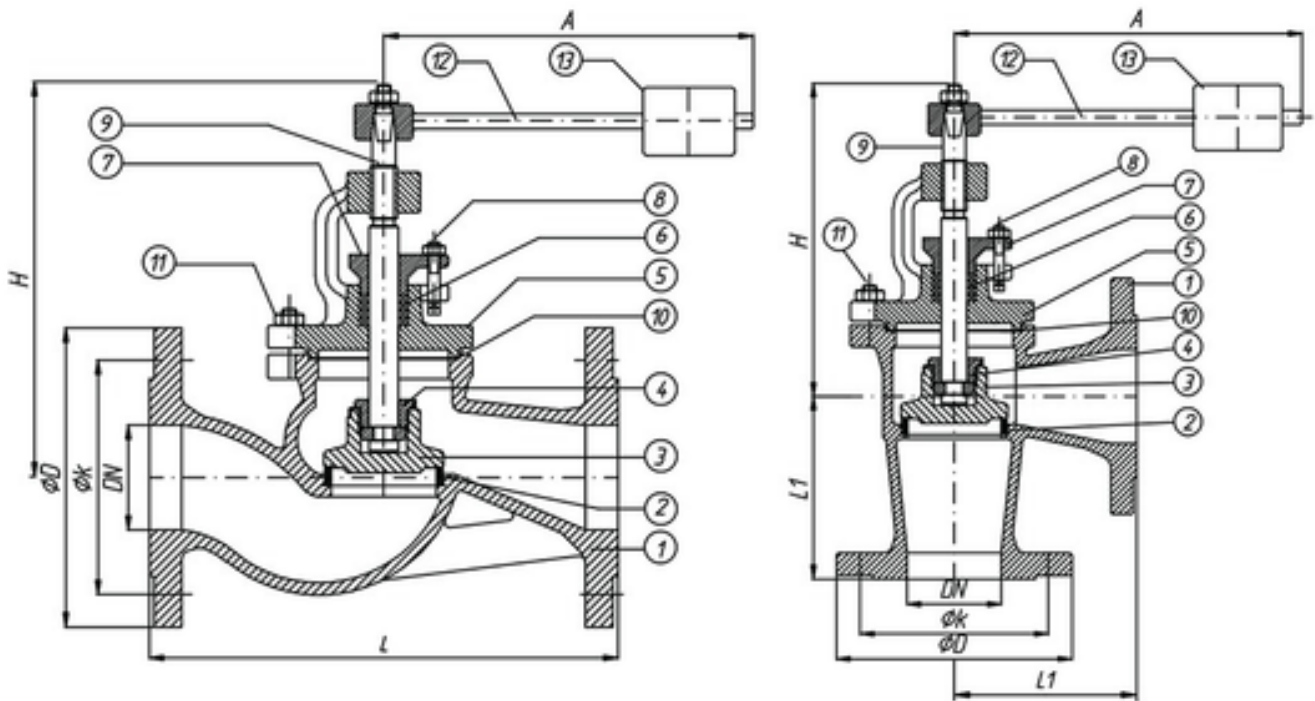
Body	<b>GGG40, GGG40.3, GSC25, Bronze RG5, Bronze RG7, RG10, CuSn10, SS304, SS316, Duplex 1.4470</b>	Seat	<b>AISI 304, AISI 316, Bronze RG5, Duplex</b>
Disc	<b>AISI 420, AISI 304, AISI 316, Bronze RG5, Duplex</b>	Spring	<b>AISI 302</b>
Bonnet	<b>GGG40, GGG40.3, GSC25, Bronze RG5, Bronze RG7, RG10, CuSn10, SS304, SS316, Duplex 1.4470</b>	Packing	<b>Graphite, PTFE</b>
Gland	<b>GGG40, GGG40.3, GSC25, Bronze RG5, Bronze RG7, RG10, CuSn10, SS304, SS316, Duplex 1.4470</b>	T stud nut	<b>6.8, 8.8, A2, A4</b>
Gasket	<b>Klingerite, Graphite</b>	Stud nut	<b>6.8, 8.8, A2, A4</b>
Lever	<b>Steel</b>	Weight	<b>GG25</b>
Stem	<b>AISI 420, AISI 304, AISI 316, Bronze RG5, Duplex</b>		

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

QUICK CLOSING VALVE

# Self Closing Valve Straight & Angle Type Straight VAKD-16 / Angle VAKK-16

SECTION Technical drawing 1 REF EFC-155



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

QUICK CLOSING VALVE

**Self Closing Valve Straight & Angle Type Straight VAKD-16 / Angle VAKK-16**

SECTION Dimensions per size REF EFC-155

SIZE	L	L1	A	H1	H2	D	K	AN- GLE_KG	WEIGHT
<b>DN15</b>	130	90	180	190	200	95	65	5 kg	5.5 kg
<b>DN20</b>	150	95	180	190	200	105	75	6 kg	6.5 kg
<b>DN25</b>	160	100	180	200	210	115	85	6.3 kg	7 kg
<b>DN32</b>	180	105	180	210	225	140	100	8.5 kg	9 kg
<b>DN40</b>	200	115	230	230	250	150	110	13 kg	15 kg
<b>DN50</b>	230	125	230	240	260	165	125	14.5 kg	16.5 kg
<b>DN65</b>	290	145	250	280	305	185	145	20 kg	21 kg
<b>DN80</b>	310	155	300	300	330	200	160	24 kg	27 kg
<b>DN100</b>	350	175	450	350	385	220	180	36 kg	38 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

QUICK CLOSING VALVE

# Self Closing Valve With Spring Form

REF **EFC-156** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN15 to DN100</b>
Pressure	<b>Class 150</b>
End connection	<b>flanged (ANSI B16.5)</b>
Face-to-face	<b>DIN 3202/2-F1, DIN EN 558-1-1</b>

## ACTUATION

- manual handlever — Steel / SS304 / SS316 handlever

## STANDARDS

Design	<b>DIN 3202/2-F1</b>
Test	<b>API 598, DIN EN 12266</b>



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>GGG40, GGG40.3, GSC25, Bronze RG5, Bronze RG7, RG10, CuSn10, SS304, SS316, Duplex 1.4470</b>	Seat	<b>AISI 304, AISI 316, Bronze RG5, Duplex</b>
Disc	<b>AISI 420, AISI 304, AISI 316, Bronze RG5, Duplex</b>	Spring	<b>AISI 302</b>
Gasket	<b>Klingerite, Graphite</b>	Bonnet	<b>GGG40, GGG40.3, GSC25, Bronze RG5, Bronze RG7, RG10, CuSn10, SS304, SS316, Duplex 1.4470</b>
O ring	<b>Viton</b>	Stem	<b>AISI 420, AISI 304, AISI 316, Bronze RG5, Duplex</b>
Stem disc	<b>AISI 420, AISI 304, AISI 316, Bronze RG5, Duplex</b>	Segment	<b>Steel</b>
Washer	<b>Steel, SS304, SS316</b>	Stud	<b>Steel A2, Steel A4</b>
Nut	<b>Steel A2, Steel A4</b>	Handwheel	<b>Steel, SS304, SS316</b>

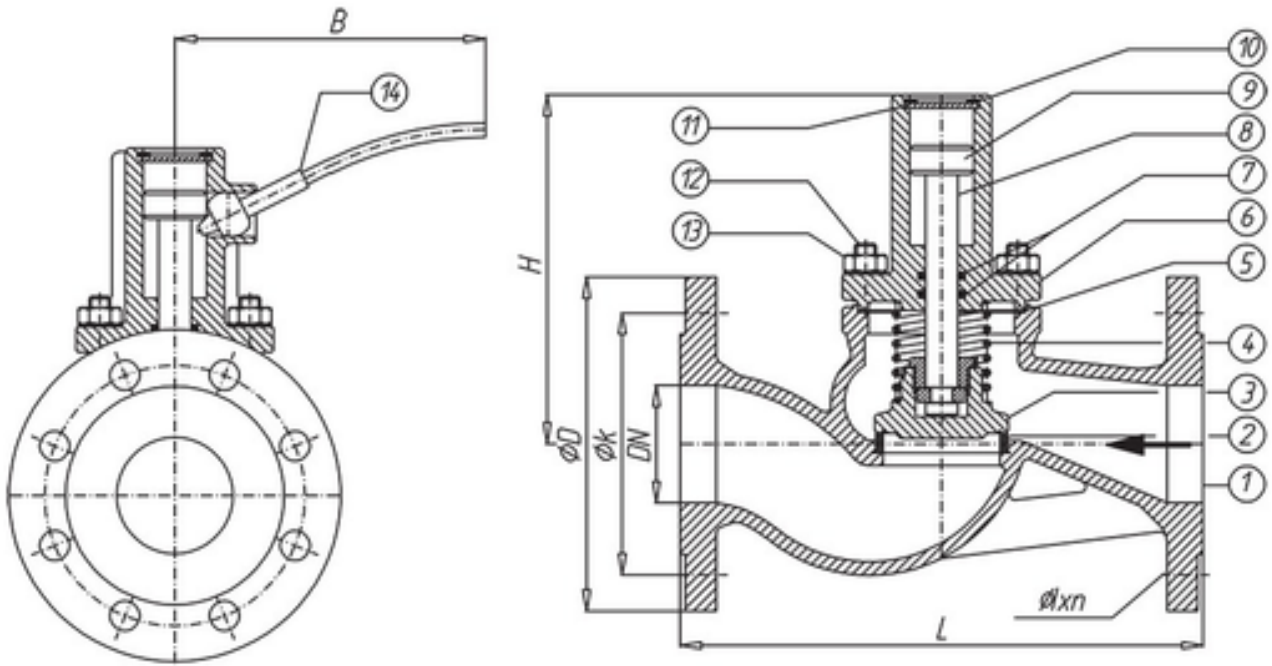
**FEATURES**

- Available in straight (VDSY-16) and angle (VASYT-16) body configurations
- Spring-loaded disc mechanism for automatic self-closing operation
- Wide range of body and trim material options including ductile iron, bronze, stainless steel, and duplex stainless steel
- ANSI B16.5 RF flanged ends
- Compatible with ANSI and JIS flanges as optional configurations

QUICK CLOSING VALVE

# Self Closing Valve With Spring Form

SECTION Technical drawing 1 REF EFC-156



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

QUICK CLOSING VALVE

# Self Closing Valve With Spring Form

SECTION Dimensions per size REF EFC-156

SIZE	L	B	H	D	K	ØXN	WEIGHT
DN15	130	125	110	95	65	Ø16x4	4.2 kg
DN20	150	125	110	105	75	Ø16x4	4.7 kg
DN25	160	125	120	115	85	Ø16x4	5 kg
DN32	180	125	120	140	100	Ø16x4	6.5 kg
DN40	200	125	140	150	110	Ø16x4	8.5 kg
DN50	230	150	145	165	125	Ø19x4	9 kg
DN65	290	150	156	185	145	Ø19x4	10.5 kg
DN80	310	150	180	200	160	Ø19x4	13 kg
DN100	350	150	200	220	180	Ø19x4	18 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

OTHER

# Invert Bucket Steam Trap (Bottom Inlet-Top Outlet)

REF **EFC-183** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN50</b>
Pressure	<b>PN16</b>
End connection	<b>threaded (ISO 228/1)</b>
Face-to-face	<b>ISO 228/1</b>
Media	<b>steam, condensate</b>



## MATERIALS

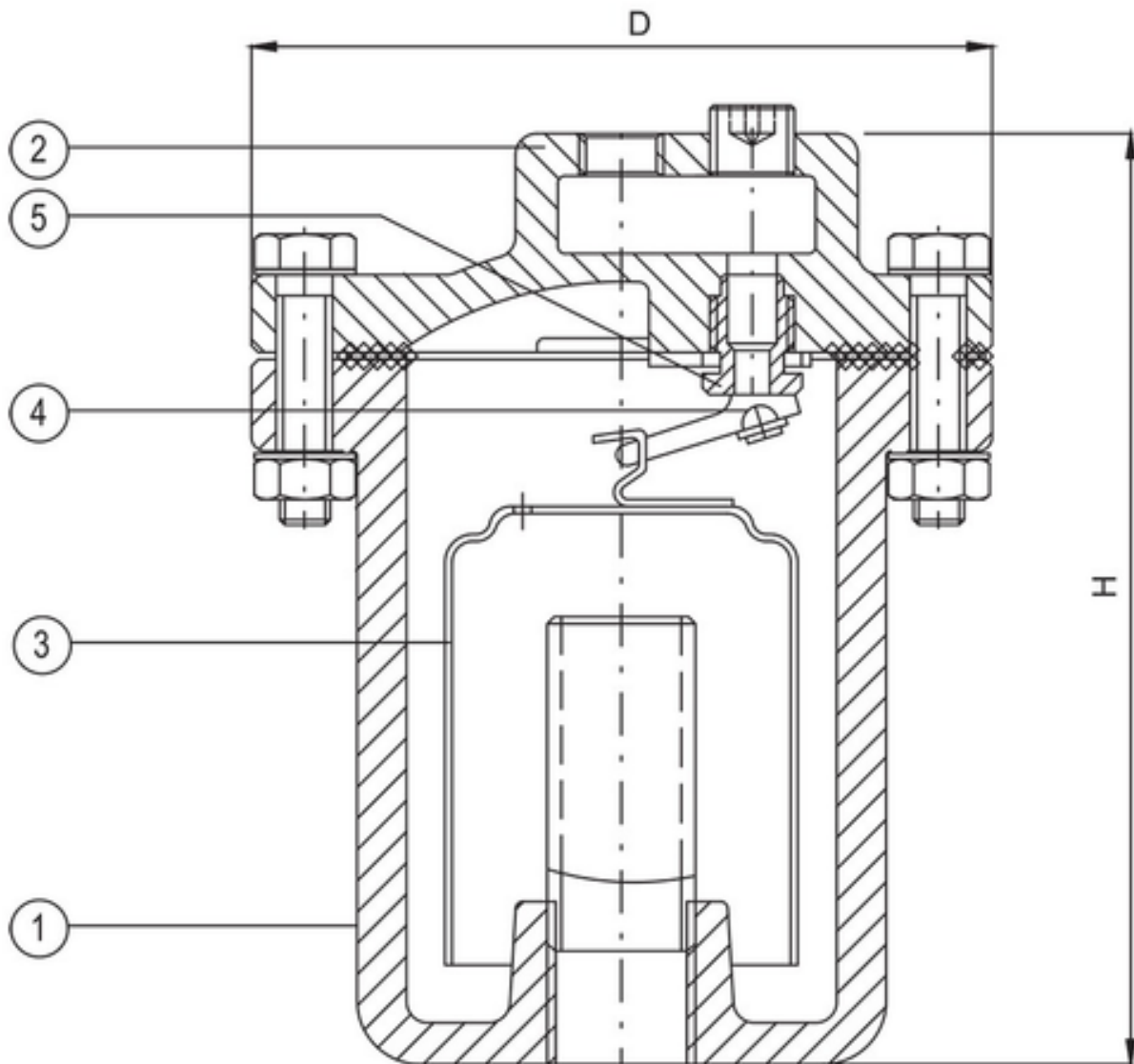
Body	<b>GG 25, GGG-40</b>	Bonnet	<b>GG 25, GGG-40</b>
Bucket	<b>1.4301</b>	Valve	<b>1.4021</b>
Orifice	<b>1.4021</b>		

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

OTHER

## Invert Bucket Steam Trap (Bottom Inlet-Top Outlet)

SECTION Technical drawing 1 REF EFC-183



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-183** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

OTHER

## Invert Bucket Steam Trap (Bottom Inlet-Top Outlet)

SECTION Dimensions per size REF EFC-183

SIZE	G	L	A	WEIGHT
DN15	108	160	R1/2" inch	2.8 kg
DN20	136	200	R3/4" inch	6 kg
DN25	184	270	R1" inch	13 kg
DN32	188	310	R1 1/4" inch	16 kg
DN40	216	360	R1 1/2" inch	24 kg
DN50	280	425	R2" inch	45 kg

*Dimensions in inches unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

OTHER

# Invert Bucket Steam Trap (Threaded)

REF **EFC-184** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN32</b>
Pressure	<b>PN16</b>
End connection	<b>threaded (ISO 228/1)</b>
Face-to-face	<b>ISO 228/1</b>



## MATERIALS

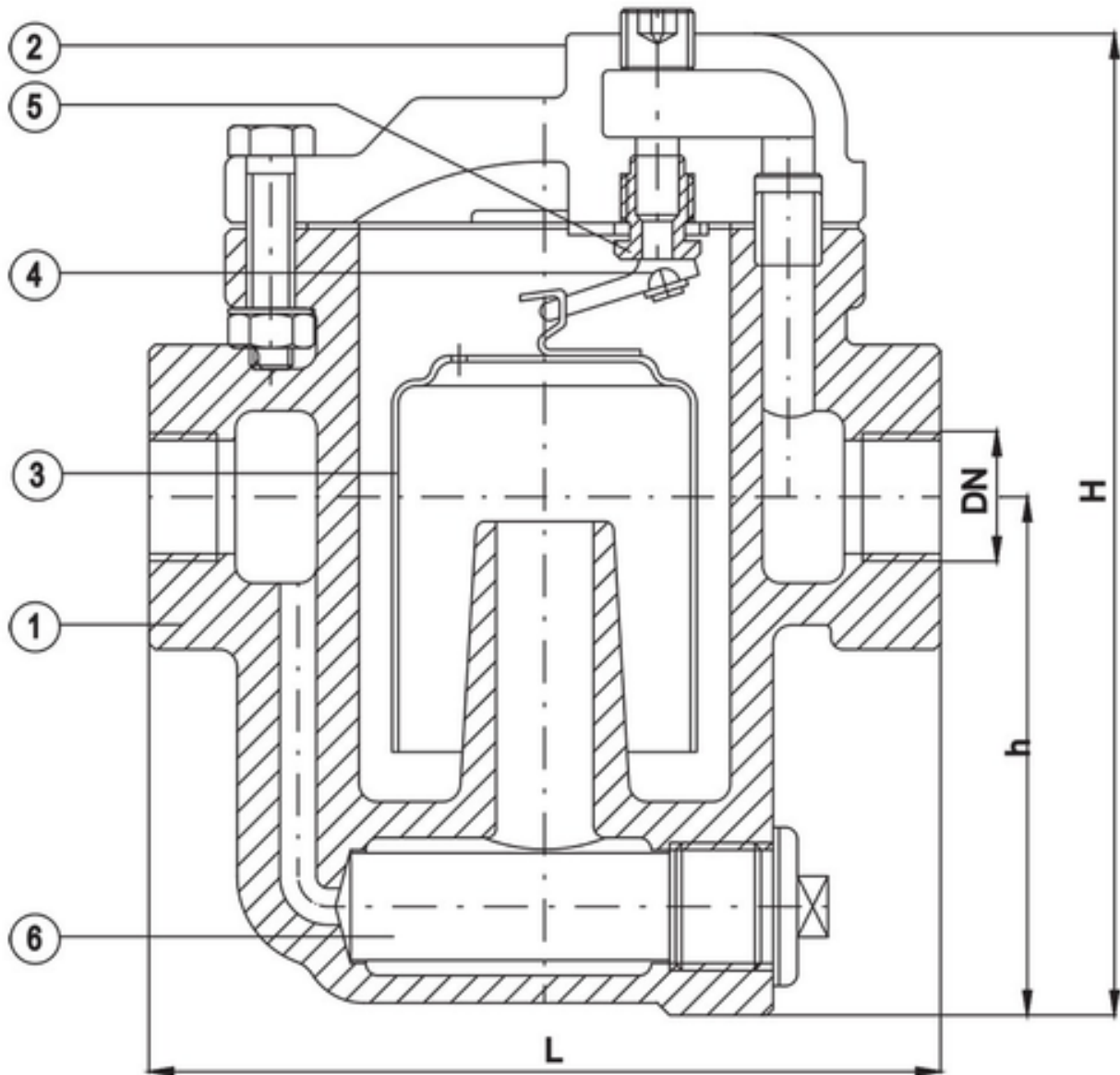
Body	<b>GG 25, GGG-40</b>	Bonnet	<b>GG 25, GGG-40</b>
Bucket	<b>1.4301</b>	Valve	<b>1.4021</b>
Orifice	<b>1.4021</b>	Filter	<b>1.4301</b>

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

OTHER

# Invert Bucket Steam Trap (Threaded)

SECTION Technical drawing 1 REF EFC-184



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

OTHER

# Invert Bucket Steam Trap (Threaded)

SECTION Dimensions per size REF EFC-184

SIZE	L	H	H	WEIGHT
DN15	125	81	150	3.1 kg
DN20	170	146	238	8.5 kg
DN25	207	187	320	16 kg
DN32	230	187	320	20 kg

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

OTHER

# Invert Bucket Steam Trap (Flanged)

REF **EFC-185** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN50</b>
Pressure	<b>PN16</b>
End connection	<b>flanged (DIN 2501)</b>
Face-to-face	<b>DIN 2501</b>



## MATERIALS

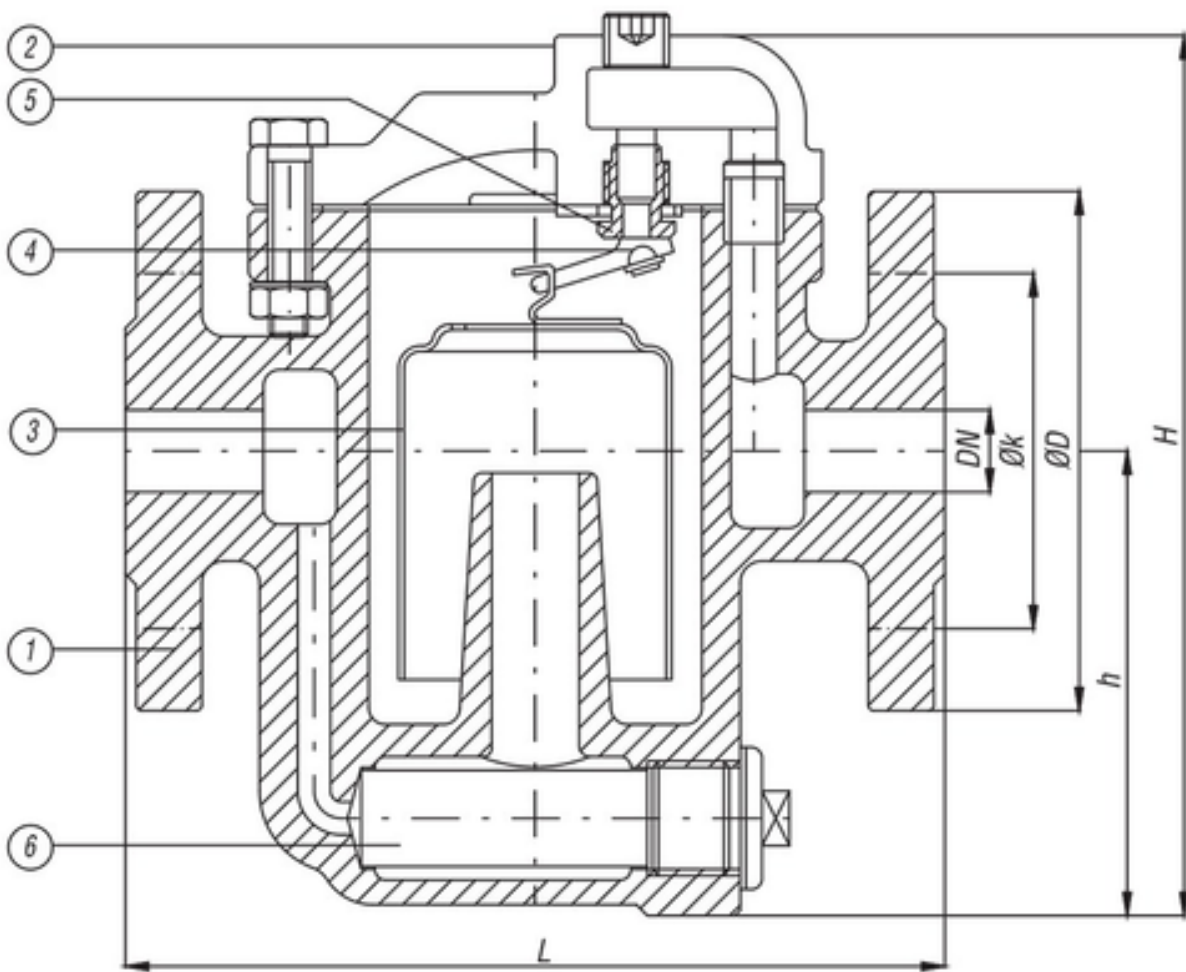
Body	<b>GG 25, GGG-40</b>	Cover	<b>GG 25, GGG-40</b>
Bucket	<b>1.4301</b>	Valve	<b>1.4021</b>
Orifice	<b>1.4021</b>	Filter	<b>1.4301</b>

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

OTHER

# Invert Bucket Steam Trap (Flanged)

SECTION Technical drawing 1 REF EFC-185



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-185** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

OTHER

# Invert Bucket Steam Trap (Flanged)

SECTION Dimensions per size REF EFC-185

SIZE	L	H	H	D	K	WEIGHT
DN15	156	81	150	95	65	4.2 kg
DN20	200	146	238	105	75	9 kg
DN25	240	187	320	115	85	17 kg
DN32	260	187	320	140	100	21 kg
DN40	280	200	370	150	110	29 kg
DN50	300	200	370	165	125	30 kg

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

OTHER

# Thermodynamic Steam Trap

REF **EFC-186** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN25</b>
Pressure	<b>PN16</b>
End connection	<b>threaded (ISO 228/1)</b>
Face-to-face	<b>ISO 228/1</b>



## MATERIALS

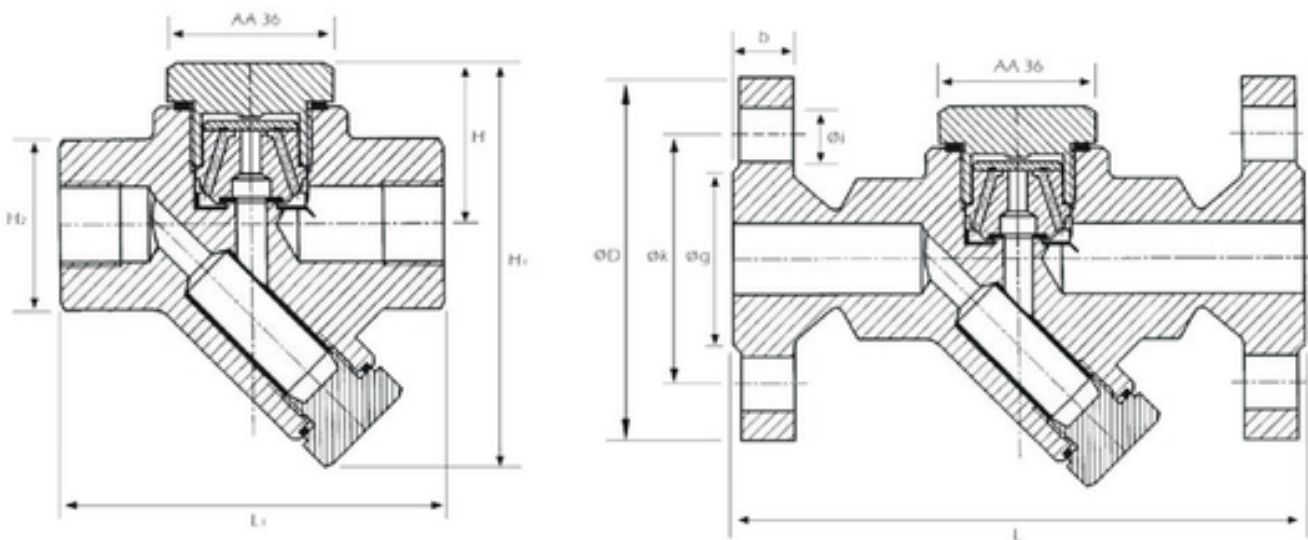
Body	<b>Forged Steel ASTM A1 05</b>	Bonnet	<b>Forged Steel AISI 304A1 05</b>
Cover gasket	<b>Stainless Steel</b>	Disc	<b>Stainless Steel</b>
Seat	<b>Stainless Steel</b>		

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

OTHER

# Thermodynamic Steam Trap

SECTION Technical drawing 1 REF EFC-186



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-186** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

OTHER

# Thermodynamic Steam Trap

SECTION Dimensions per size REF EFC-186

SIZE	L-L1	H-H1-H2	D	B	K	G	I
DN15	150-95	40-100-42	95	16	65	45	14
DN20	150-95	40-100-42	105	18	75	58	14
DN25	160-95	40-100-42	115	18	85	68	14

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

AIR VENT

# Single & Double Air Release Valve

REF **EFC-174** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN250</b>
Pressure	<b>PN16 to PN25</b>
End connection	<b>flanged (EN 1092-2) / flanged (EN 1092-2)</b>

## STANDARDS

Test	<b>EN 12266</b>
------	-----------------



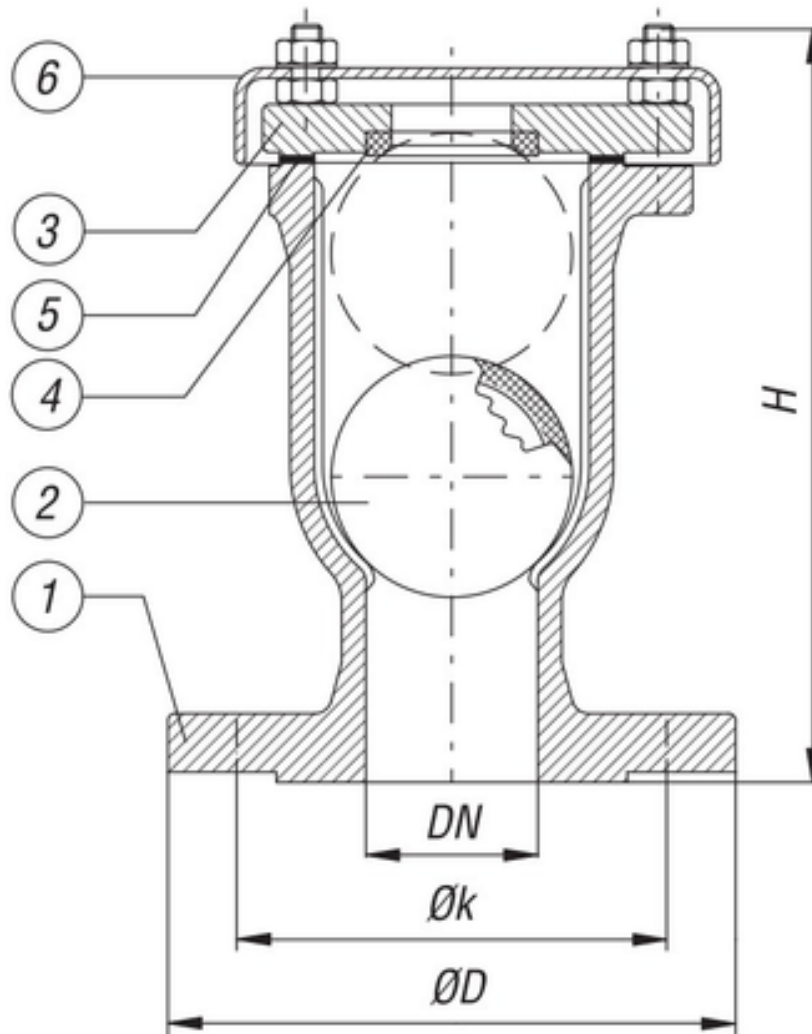
## MATERIALS

Body	<b>GG 25, GGG-40</b>	Ball	<b>ST 37 + Perbunan, S137 + EPDM</b>
Cover	<b>GG 25, GGG-40</b>	Seal	<b>EPDM</b>
Gasket	<b>EPDM, KLINGERIT</b>	Top cover	<b>GG 25</b>
Body seat	<b>Ms 58, Bronze, SS</b>	Disc	<b>GGG 40, SS304</b>
Stem	<b>AISI 420</b>	Mid cover	<b>GG 25, GGG-40</b>
Nozzle	<b>Ms 58</b>	Packing	<b>Teflon, Graphite</b>
Packing nut	<b>Ms 58, Bronze, SS</b>	Handwheel	<b>GG 25</b>

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

# Single & Double Air Release Valve

SECTION Technical drawing 1 REF EFC-174



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

AIR VENT

# Single & Double Air Release Valve

SECTION Dimensions per size REF EFC-174

SIZE	B	H	OD	OKPN25	ODPN25	OKPN25	KG	DL	L	WEIGHT
<b>DN50</b>	160	230	165	125	165	125	9 kg	—	—	8 kg
<b>DN80</b>	250	290	200	160	200	160	19 kg	—	—	17 kg
<b>DN100</b>	270	330	220	180	235	190	20 kg	—	—	18 kg
<b>DN150</b>	310	435	285	240	300	250	55 kg	—	—	50 kg
<b>DN200</b>	310	440	340	295	360	310	61 kg	—	—	55 kg
<b>DN50</b>	160	320	165	125	165	125	25.5 kg	200	400	23 kg
<b>DN80</b>	250	415	200	160	200	160	69 kg	250	650	62.5 kg
<b>DN100</b>	270	470	220	180	235	190	70 kg	250	680	63.7 kg
<b>DN150</b>	310	570	285	240	300	250	130 kg	400	760	130 kg
<b>DN200</b>	380	675	340	295	360	310	264 kg	400	910	240 kg
<b>DN250</b>	380	675	405	355	425	370	278 kg	500	910	253 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

AIR VENT

# Single & Double Air Release Valve

REF **EFC-175** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN250</b>
Pressure	<b>PN16 to PN25</b>
End connection	<b>flanged (EN 1092-2)</b>
Face-to-face	<b>EN 1092-2</b>
Media	<b>water, air</b>

## STANDARDS

Test	<b>EN 12266</b>
------	-----------------



## MATERIALS

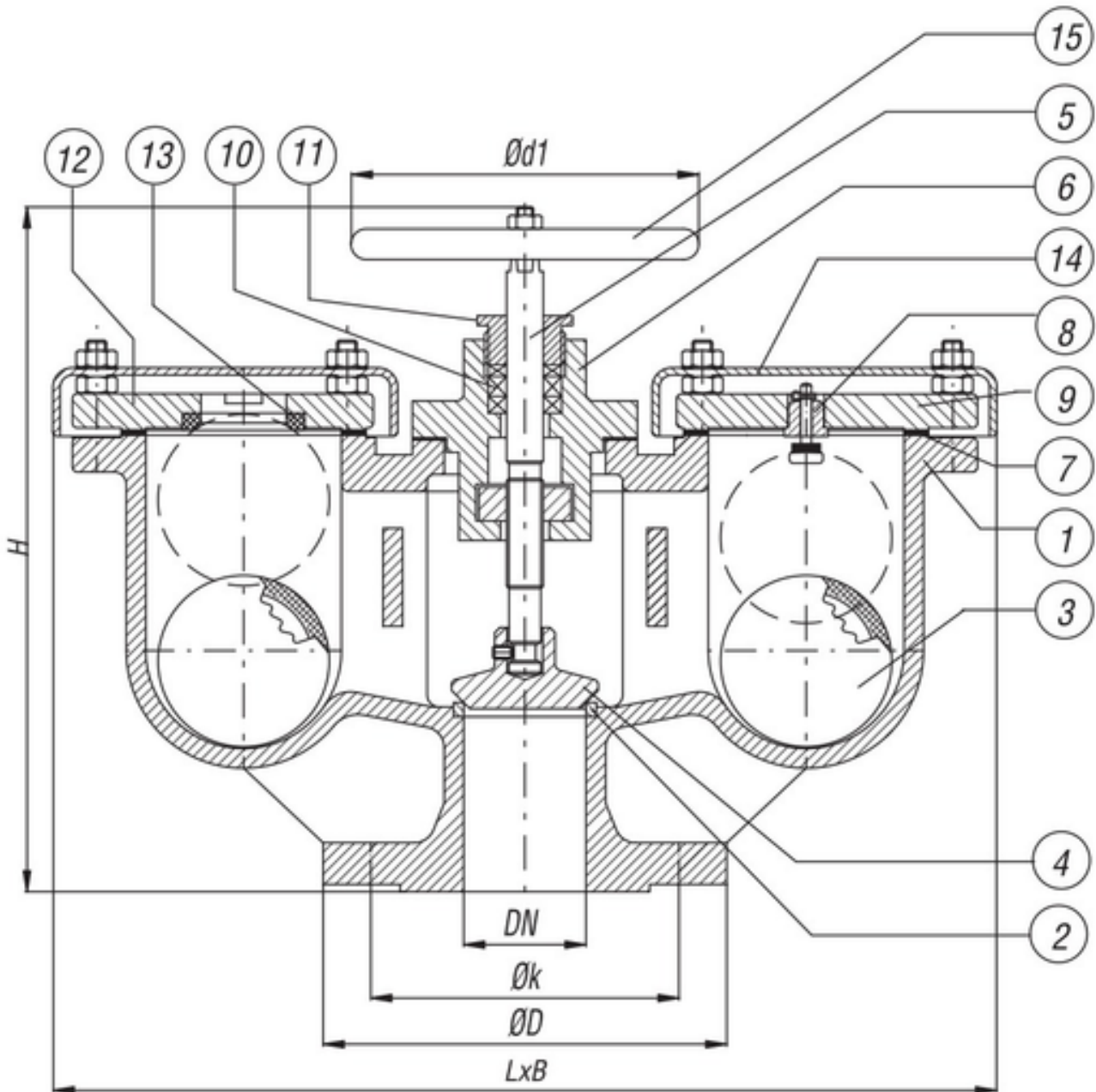
Body	<b>GG 25, GGG-40</b>	Ball	<b>ST 37 + Perbunan, St37 + EPDM</b>
Cover	<b>GG 25, GGG-40</b>	Seat	<b>Ms 58, Bronze, SS</b>
Disc	<b>GGG 40, SS304</b>	Stem	<b>ASI 420</b>
Mid cover	<b>GG 25, GGG-40</b>	Gasket	<b>EPDM, KLINGERIT</b>
Top cover	<b>GG 25</b>	Packing	<b>Teflon, Graphite</b>
Packing nut	<b>Ms 58, Bronze, SS</b>	Nozzle	<b>Ms 58</b>
Handwheel	<b>GG 25</b>		

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

AIR VENT

# Single & Double Air Release Valve

SECTION Technical drawing 1 REF EFC-175



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

AIR VENT

# Single & Double Air Release Valve

SECTION Dimensions per size REF EFC-175

SIZE	B	H	OD	OK	PN25 KG	D1	L	WEIGHT
DN50	160	230	165	125	9 kg	—	—	8 kg
DN80	250	290	200	160	19 kg	—	—	17 kg
DN100	270	330	220	180	20 kg	—	—	18 kg
DN150	310	435	285	240	55 kg	—	—	50 kg
DN200	310	440	340	295	61 kg	—	—	55 kg
DN50	160	320	165	125	25.5 kg	200	400	23 kg
DN80	250	415	200	160	69 kg	250	650	62.5 kg
DN100	270	470	220	180	70 kg	250	680	63.7 kg
DN150	310	570	285	240	130 kg	400	760	130 kg
DN200	380	675	340	295	264 kg	400	910	240 kg
DN250	380	675	405	355	278 kg	500	910	253 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

AIR VENT

# Threaded Single Air Valve

REF **EFC-419** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN25 to DN100</b>
Pressure	<b>PN16, PN25, PN40</b>
End connection	<b>threaded (EN 10226-1) / threaded (EN 10226-1) / threaded (EN 10226-1)</b>

## MATERIALS

Body	<b>GG 25, GGG-40, GS-C 25</b>	Ball	<b>PVC, PTFE</b>
Cover	<b>GG 25, GGG-40, GS-C 25</b>	Seal	<b>EPDM, NBR, TEFLON</b>
Gasket	<b>EPDM, KLINGERIT</b>	Nozzle	<b>Ms 58 (Brass)</b>

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

AIR VENT

# Threaded Single Air Valve

SECTION Dimensions per size REF EFC-419

SIZE	B	H	ØD	H	AA	WEIGHT
DN25	160	210	R 13 R	25	46	5 kg
DN40	160	220	R 1½3 R	35	60	6 kg
DN50	160	230	R 23 R	40	75	7 kg
DN80	250	290	R 33 R	40	105	13 kg
DN100	270	330	R 43 R	45	125	15 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

SAFETY VALVE

# Safety Valve (Spring Loaded) Full Lift VEYT-10-16-25-40 Proportional Lift VEYO-10-16-25-40

REF EFC-146 ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	DN25 to DN100
Pressure	PN10 to PN40
End connection	flanged (DIN 2532 / DIN 2533) / flanged (DIN 2544 / DIN 2545)
Face-to-face	DIN 3202-F32
Temperature	null°C to 80°C



## MATERIALS

Body	GG 25, GGG-40, GS-C 25	Seat	AISI 304
Disc	AISI 304	Disc nut	Ms 58
Stem	1.4021	Plate	GG 25, GGG-40
Bonnet	GG 25, GGG-40, GS-C 25	Spring	1.4310

## FEATURES

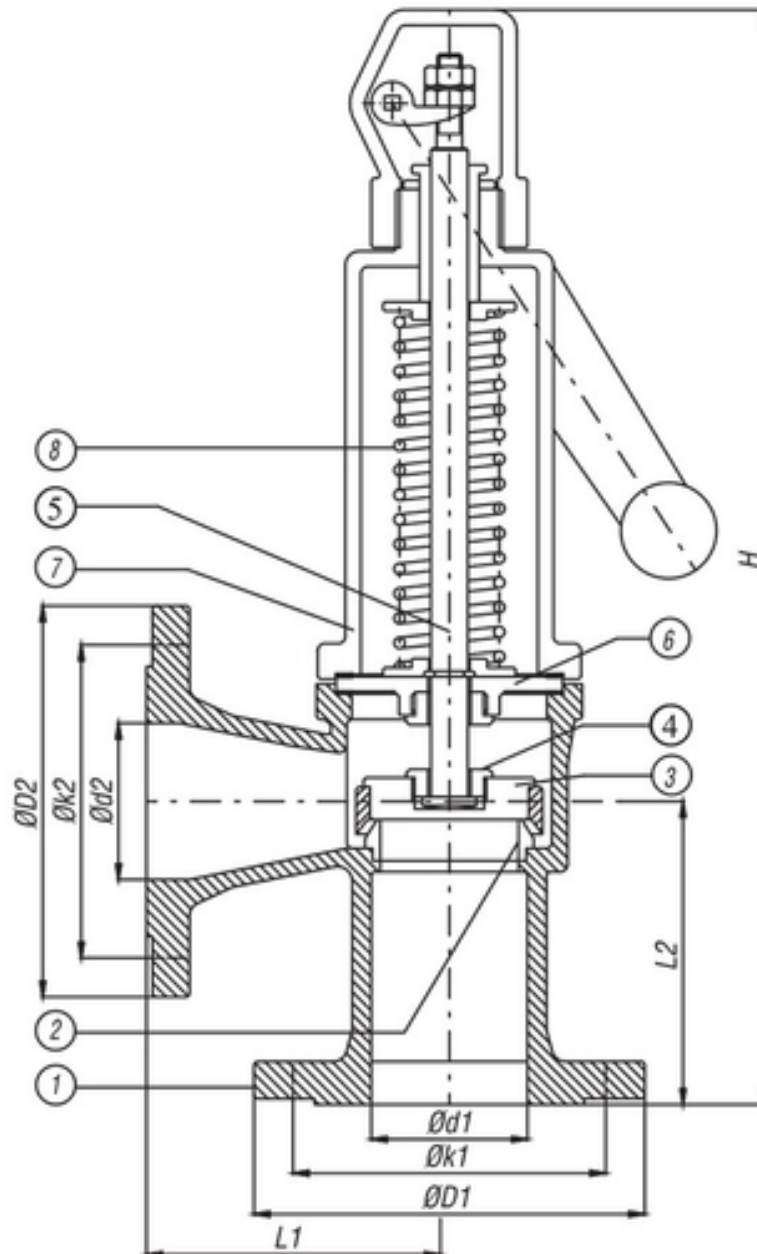
- Spring-loaded actuation mechanism
- Full lift variant (VEYT) for rapid full opening
- Proportional lift variant (VEYO) for gradual opening proportional to overpressure
- Separate inlet and outlet flange connections with differing bore sizes
- Available in two pressure rating groups: PN10-16 (DIN 2532/2533) and PN25-40 (DIN 2544/2545)
- Dimensions per DIN 3202-F32 (open bonnet)

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

SAFETY VALVE

# Safety Valve (Spring Loaded) Full Lift VEYT-10-16-25-40 Proportional Lift VEYO-10-16-25-40

SECTION Technical drawing 1 REF EFC-146



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

SAFETY VALVE

## Safety Valve (Spring Loaded) Full Lift VEYT-10-16-25-40 Proportional Lift VEYO-10-16-25-40

SECTION Dimensions per size REF EFC-146

SIZE	L1	L2	H	OD1	OD1_IN- LET	OK1_IN- LET	OD2OD2_OUTOK2_OUT- LET	LET	PN25-40 KGO	PN25-40 D2_OUT	PN25-40 OK2_OUT-	PN25-40 OD1_IN-	PN25-40 OK1_IN-	WEIGHT
<b>DN25</b>	100	115	410	25	115	85	40	150	110	11 kg	—	—	—	10 kg
<b>DN32</b>	110	125	426	32	140	100	50	165	125	15 kg	—	—	—	13 kg
<b>DN40</b>	120	135	446	40	150	110	65	185	145	18 kg	—	—	—	16 kg
<b>DN50</b>	135	150	484	50	165	125	80	200	160	24 kg	—	—	—	21 kg
<b>DN65</b>	140	155	549	65	185	145	100	220	180	34 kg	235	190	—	30 kg
<b>DN80</b>	150	175	631	80	200	160	125	250	210	45 kg	270	220	—	40 kg
<b>DN100</b>	170	195	686	100	220	180	150	285	240	64 kg	300	250	235	57 kg

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

SAFETY VALVE

# Spring Load Nozzle Type Pressure Relief Safety Valve

REF **EFC-147** ISSUED 08 Jul 2026

## SPECIFICATIONS

Pressure	<b>PN40 to Class 2500</b>
End connection	<b>flanged</b>



## MATERIALS

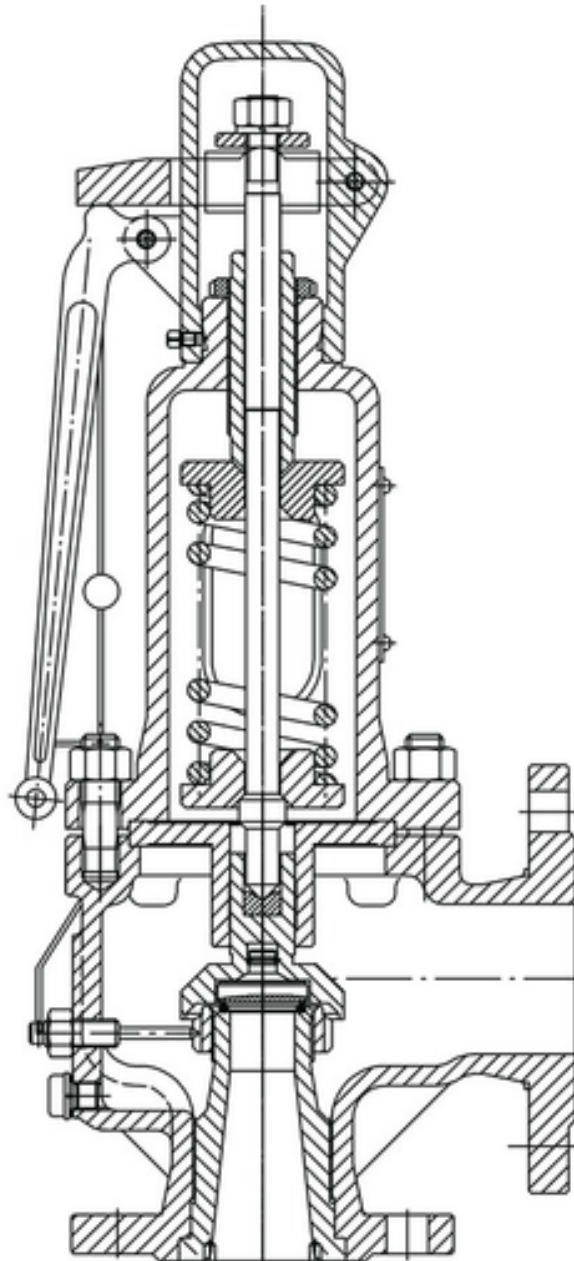
Body	<b>WCB, WC6, WC7, CF8, CF8M</b>	Seat	<b>304, 316, 316Ti, Stellite</b>
Disc	<b>304, 316, 316Ti, Stellite</b>	Guide	<b>304, 316, 316Ti</b>
Stem	<b>2Cr13, 304, 316, 316Ti</b>	Spring	<b>50CrVA</b>

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

SAFETY VALVE

# Spring Load Nozzle Type Pressure Relief Safety Valve

SECTION Technical drawing 1 REF EFC-147



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-147** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

CONTROL VALVE

# Plunger Valve

REF **EFC-371** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN150 to DN2000</b>
Pressure	<b>PN10 to PN40</b>
End connection	<b>flanged (EN 1092-2)</b>
Media	<b>Clean water</b>

## STANDARDS

Test	<b>[object Object], [object Object], [object Object], [object Object]</b>
------	---

## COATINGS & LINING

- Epoxy coating

## APPLICATIONS

- Energy dissipation
- Reservoir inlet regulation
- Throttling service
- Turbine bypass



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

Body **EN-GJS-400-15 (GGG-40)**

## FEATURES

- The plunger valve is a globe-body throttling valve for precise flow regulation and energy dissipation in pipeline systems
- The streamlined plunger element provides a characterised flow curve, making it suitable for constant throttling duty where butterfly and gate valves would suffer cavitation or excessive wear
- Used downstream of pressure reducing stations, at reservoir inlets and for turbine bypass on hydroelectric schemes

## PRESSURE-TEMPERATURE RATING

CLASS	TEMPERATURE	MAX PRESSURE
PN40, DN100-1200	50°C	40 bar
PN25, DN100-1600	50°C	25 bar
PN16, DN100-2000	50°C	16 bar
PN10, DN100-2000	50°C	10 bar

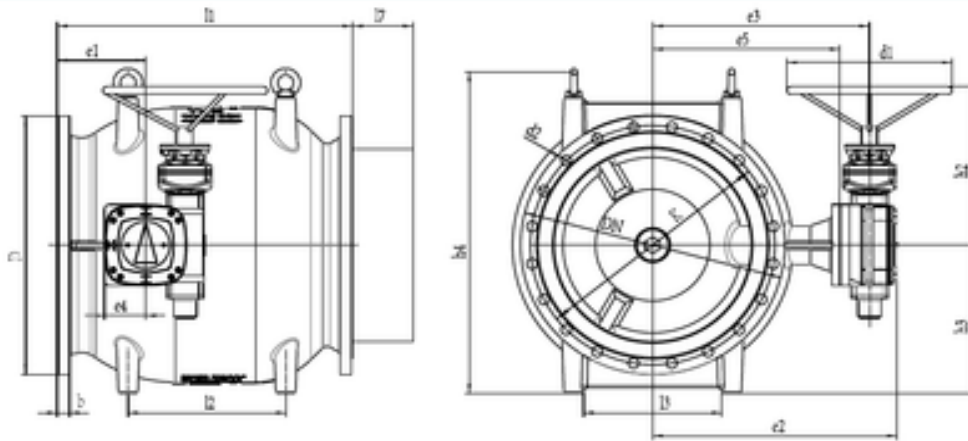
Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CONTROL VALVE

# Plunger Valve

SECTION Technical drawing 1 REF EFC-371

Size:



## PN10

DN	unit	300	400	450	500	600	700	800	900	1000	1200	1400	1600	1800	2000
D	[mm]	445	565	615	670	780	895	1015	1115	1230	1455	1915	1915	2115	2325
b	[mm]	24.5	28	30	31.5	36	39.5	43	46.5	50	57	50	50	75	80
d1	[mm]	250	250	250	400	400	400	400	400	400	400	400	400	500	500
e2	[mm]	23	28	28	28	31	31	34	34	37	41	50	50	50	50
e1	[mm]	160	170	150	175	280	315	400	420	460	560	650	725	900	900
e2	[mm]	403	518	518	629	645	800	797	880	1016	1136	1335	1609	1865	1930
e3	[mm]	345	467	467	550	575	725	725	800	898	1040	1205	1490	1705	1735
e4	[mm]	63	80	80	100	100	125	125	160	160	200	250	250	340	430
e5	[mm]	300	410	410	475	500	650	650	725	800	950	1100	1350	1560	1560
h2	[mm]	265	268	268	439	449	454	454	520	520	600	725	705	985	1066
h3	[mm]	260	335	345	385	460	520	600	650	720	850	1000	1200	1280	1400
h4	[mm]	573	741	761	841	1010	1150	1309	1428	1568	1828	2200	2608	2858	3120
k	[mm]	400	515	565	620	725	840	950	1050	1160	1380	1820	1820	2020	2230
l1	[mm]	500	600	650	750	900	1050	1200	1350	1500	1800	2100	2500	2700	3000
l2	[mm]	230	300	350	400	500	560	600	700	750	800	1000	1200	1500	1600
l3	[mm]	230	300	350	400	500	560	600	700	750	800	1000	1200	1500	1600
l7	[mm]	94	127	144	153	150	194	244	275	291.5	363	480	480	658	723
holes		12	16	20	20	20	24	24	28	28	32	40	40	44	48
weight	kg	170	305	350	540	940	1500	1900	2500	3640	4900	8835	17000	20000	25500
volume	m3	0.2	0.4	0.45	0.7	1	1.08	2.2	3	4.1	5.1	6.1	9.9	12.8	16.6

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

CONTROL VALVE

# Plunger Valve

SECTION Dimensions per size REF EFC-371

SIZE	D	B	D1	D2	E1	E2	E3	E4	E5	H2	H3	H4	K	L1	L2	L3	L7	WEIGHT
DN300	445	24.5	250	23	160	403	345	63	300	265	260	573	400	500	230	230	94	170 kg
DN400	565	28	250	28	170	518	467	80	410	268	335	741	515	600	300	300	127	305 kg
DN450	615	30	250	28	150	518	467	80	410	268	345	761	565	650	350	350	144	350 kg
DN500	670	31.5	400	28	175	629	550	100	475	439	385	841	620	750	400	400	153	540 kg
DN600	780	36	400	31	280	645	575	100	500	449	460	1010	725	900	500	500	150	940 kg
DN700	895	39.5	400	31	315	800	725	125	650	454	520	1150	840	1050	560	560	194	1500 kg
DN800	1015	43	400	34	400	797	725	125	650	454	600	1309	950	1200	600	600	244	1900 kg
DN900	1115	46.5	400	34	420	880	800	160	725	520	650	1428	1050	1350	700	700	275	2500 kg
DN1000	1230	50	400	37	460	1016	898	160	800	520	720	1568	1160	1500	750	750	291.5	3640 kg
DN1200	1455	57	400	41	560	1136	1040	200	950	600	850	1828	1380	1800	800	800	363	4900 kg
DN1400	1915	50	400	50	650	1335	1205	250	1100	725	1000	2200	1820	2100	1000	1000	480	8835 kg
DN1600	1915	50	400	50	725	1609	1490	250	1350	705	1200	2608	1820	2500	1200	1200	480	17000 kg
DN1800	2115	75	500	50	900	1865	1705	340	1560	985	1280	2858	2020	2700	1500	1500	658	20000 kg
DN2000	2325	80	500	50	900	1930	1735	430	1560	1066	1400	3120	2230	3000	1600	1600	723	25500 kg
DN300	460	24.5	250	28	160	403	345	63	300	265	260	573	410	500	230	230	94	170 kg
DN400	580	28	250	31	170	518	467	80	410	268	335	741	525	600	300	300	127	305 kg
DN450	640	30	250	34	150	518	467	80	410	268	345	761	585	650	350	350	144	350 kg
DN500	715	31.5	400	37	175	629	550	100	475	439	385	841	650	750	400	400	153	550 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## Plunger Valve

Dimensions per size (continued) · EFC-371

SIZE	D	B	D1	D2	E1	E2	E3	E4	E5	H2	H3	H4	K	L1	L2	L3	L7	WEIGHT
<b>DN600</b>	840	36	400	37	280	654	575	100	500	449	460	1010	770	900	500	500	150	990 kg
<b>DN700</b>	970	39.5	400	37	315	800	725	125	650	454	520	1150	840	1050	560	560	195	1500 kg
<b>DN800</b>	1025	43	400	40	400	797	725	125	650	454	600	1150	950	1200	600	600	244	1950 kg
<b>DN900</b>	1125	46.5	400	41	420	880	800	160	725	520	650	1428	1050	1350	700	700	275	2550 kg
<b>DN1000</b>	1255	50	400	44	460	1016	898	160	800	520	720	1568	1170	1500	750	750	291.5	3640 kg
<b>DN1200</b>	1485	57	400	50	560	1136	1040	200	950	600	850	1828	1390	1800	800	800	363	5000 kg
<b>DN1400</b>	1685	60	400	50	650	1335	1205	250	1100	725	1000	2200	1590	2100	1000	1000	480	8835 kg
<b>DN1600</b>	1930	65	400	57	725	1609	1490	250	1350	705	1200	2608	1820	2500	1200	1200	480	17000 kg
<b>DN1800</b>	2130	75	630	59	900	1865	1705	340	1560	985	1280	2858	2020	2700	1500	1500	658	20000 kg
<b>DN2000</b>	2345	80	630	62	900	1930	1735	430	1560	1066	1400	3120	2230	3000	1600	1600	723	25500 kg
<b>DN300</b>	485	24.5	250	31	160	403	345	63	300	265	260	573	430	500	230	230	94	180 kg
<b>DN400</b>	620	32	250	37	170	518	467	80	410	268	335	741	550	600	300	300	127	340 kg
<b>DN450</b>	670	34.5	250	37	150	518	467	80	410	268	345	761	600	650	350	350	144	405 kg
<b>DN500</b>	730	41.5	400	41	175	629	550	100	475	439	385	841	660	750	400	400	153	610 kg
<b>DN600</b>	845	42	400	44	280	654	575	100	500	449	460	1010	770	900	500	500	150	1020 kg
<b>DN700</b>	960	46.5	400	44	315	800	725	125	650	454	520	1150	875	1050	560	560	195	1600 kg
<b>DN800</b>	1085	51	400	50	400	797	725	125	650	454	600	1309	990	1200	600	600	244	2030 kg
<b>DN900</b>	1185	55.5	400	50	420	880	800	160	725	520	650	1428	1090	1350	700	700	275	2600 kg
<b>DN1000</b>	1320	60	400	57	460	1016	898	160	800	520	720	1568	1210	1500	750	750	291.5	3800 kg
<b>DN1200</b>	1530	69	400	57	560	1136	1040	200	950	600	850	1828	1420	1800	800	800	363	5200 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

<b>DN1600</b>	1975	81	400	62	725	1609	1490	250	1350	705	1200	2608	1860	2500	1200	1200	480	17300 kg
<b>DN300</b>	515	39.5	250	34	160	403	345	63	300	265	260	573	450	500	230	230	94	210 kg
<b>DN400</b>	660	48	250	41	170	518	467	80	410	268	335	741	585	600	300	300	127	395 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-371** · Specifications confirmed at quote

[sales@euroflowcontrol.com](mailto:sales@euroflowcontrol.com) · [euroflowcontrol.com](http://euroflowcontrol.com)

## Plunger Valve

Dimensions per size (continued) · EFC-371

SIZE	D	B	D1	D2	E1	E2	E3	E4	E5	H2	H3	H4	K	L1	L2	L3	L7	WEIGHT
<b>DN450</b>	685	49	250	41	150	518	467	80	410	268	345	761	610	650	350	350	144	465 kg
<b>DN500</b>	755	52	400	44	175	629	550	100	475	439	385	841	670	750	400	400	153	670 kg
<b>DN600</b>	890	58	400	50	280	654	575	100	500	449	460	1010	795	900	500	150	20	1120 kg
<b>DN700</b>	995	64	400	48	315	800	725	125	650	454	520	1150	900	1050	560	560	195	1700 kg
<b>DN800</b>	1140	65	400	56	400	797	725	125	650	454	600	1309	1030	1200	600	600	244	2200 kg
<b>DN900</b>	1250	65	400	56	420	880	800	160	725	520	650	1428	1140	1350	700	700	275	2800 kg
<b>DN1000</b>	1360	76	400	56	460	1016	898	160	800	520	720	1568	1250	1500	750	750	291.5	4125 kg
<b>DN1200</b>	1575	88	400	62	560	1136	1040	200	950	600	850	1828	1460	1800	800	800	363	5500 kg

*Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.*

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-371** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

CONTROL VALVE

# Axial Flow Control Valve

REF **EFC-464** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN1200</b>
Pressure	<b>Class 150 to Class 2500</b>
End connection	<b>flanged</b>
Temperature	<b>-46°C to 280°C</b>
Media	<b>natural gas, crude oil, refined oil, non-corrosive gases, non-corrosive liquids</b>

## ACTUATION

- electric
- pneumatic
- hydraulic

## STANDARDS

Test	<b>FCI 70-2, IEC 60534-4</b>
------	------------------------------

## APPLICATIONS

- Oil & Gas
- Chemical
- Water
- Mining
- LNG
- Power



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

---

Body	<b>WCB, CF8, CF8M</b>	Trim	<b>304, 316, 1Cr17Ni2</b>
Seat ring	<b>NBR, FKM</b>		

---

**FEATURES**

- 
- Self-balanced pressure design on upper and lower sides of the valve plug enables tight shutoff with low actuator thrust
  - Suitable for large-size and high-pressure applications
  - Straight-through streamlined internal flow path reduces flow resistance and achieves higher Cv value
  - Flow capacity increased by approximately 20% - 50% compared to conventional designs
  - Low flow resistance coefficient
  - High-precision positioning and fast response
  - Rangeability of 100:1
  - Leakage Class IV, V, or VI per FCI 70-2 and IEC 60534-4
  - Flow characteristics: linear, equal percentage, or customised
  - Compact design and small installation footprint
  - Long service life and low maintenance requirements

**OPTIONS & NOTES**

- 
- Other body materials available upon request
  - Other trim materials available upon request
  - High-performance sealing rings available for seat ring

HYDRAULIC POWER GENERATOR

# IHPG - Hydraulic Power Generator

REF **EFC-406** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN100 to DN1000</b>
Pressure	<b>PN10 to PN25</b>
End connection	<b>flanged (EN 1092-2)</b>

## CERTIFICATIONS

- WRAS

## COATINGS & LINING

- Fusion Bonded Epoxy (FBE) (WRAS approved or equivalent)

## APPLICATIONS

- Remote telemetry
- SCADA power supply
- Pressure transmitters
- Flow metering
- Rural water mains

## FEATURES

- The IHPG in-line hydraulic power generator is installed directly in the pipeline and converts flow energy into electrical power
- The generated DC output (adjustable from 24V, supporting 12V - 24V DC charging) powers remote telemetry units, pressure transmitters, flow meters and SCADA equipment at locations where mains power is unavailable or uneconomic to install
- Fully self-contained with IP68 protection
- Available from DN100; valve size range DN50 - DN1000
- Pressure ratings PN10, PN16 and PN25 per EN 1092-2



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**PRESSURE-TEMPERATURE RATING**

CLASS	TEMPERATURE	MAX PRESSURE
PN10	-10°C	10 bar
PN16	-10°C	16 bar
PN25	-10°C	25 bar
PN10	80°C	10 bar
PN16	80°C	16 bar
PN25	80°C	25 bar

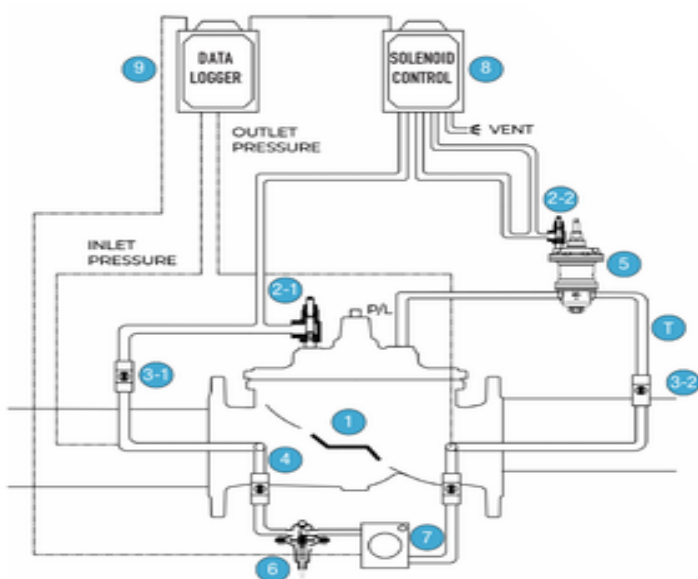
Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

HYDRAULIC POWER GENERATOR

# IHPG - Hydraulic Power Generator

SECTION Technical drawing 1 of 2 REF EFC-406

**P26G - PRESSURE MANAGEMENT VALVE WITH HYDRAULIC POWER GENERATOR**



**Part List**

No	Parts Name	Material
1	Main Valve	GJS 500-7
2	Needle Valve	SUS304/316
3	Ball Valve	SUS304/316
4	Strainer	SUS304/316
5	Hydraulic Control Pilot	SUS304/316
6	Pressure differential guide valve	SUS304/316
7	Electric generator	Commercial
8	Data Logger	Commercial
9	Battery Pack	Commercial
T	Tube	SUS304/316

**HYDRAULIC POWER GENERATOR - TECHNICAL DATA**

<b>Size Range</b>	<b>DN 25 mm</b> Suitable for installations requiring a nominal diameter of 25 mm.
<b>Pressure Rating</b>	PN10: Suitable for applications with a maximum working pressure of 10 bar (145 psi). PN16: Suitable for applications with a maximum working pressure of 16 bar (232 psi). PN25: Suitable for applications with a maximum working pressure of 25 bar (363 psi). The hydraulic power generator is designed to withstand the specified pressure ratings without compromising performance or safety.
<b>Maximum Temperature Range:</b>	<b>-10°C to 80°C</b> The Hydraulic Power Generator is designed to operate within a temperature range of -10°C to 80°C (-14°F to 176°F). It is important to ensure that the hydraulic fluid temperature remains within this range for optimal performance and to prevent any potential damage to the generator. Please refer to the product manual and guidelines for detailed installation instructions, maintenance procedures, and safety precautions specific to the Hydraulic Power Generator model you are considering.

**Disclaimer:** The technical data and specifications provided are subject to change without prior notice as part of our continuous product improvement process. It is recommended to verify the latest information from our official documentation or contact our customer support for the most up-to-date details.

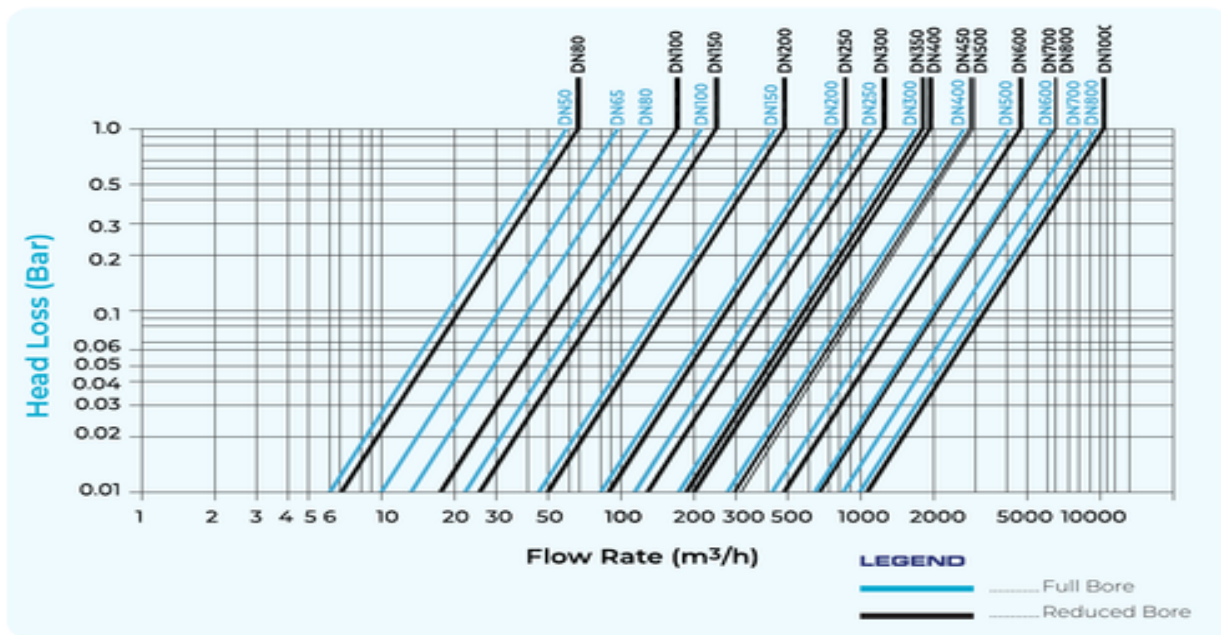
Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

HYDRAULIC POWER GENERATOR

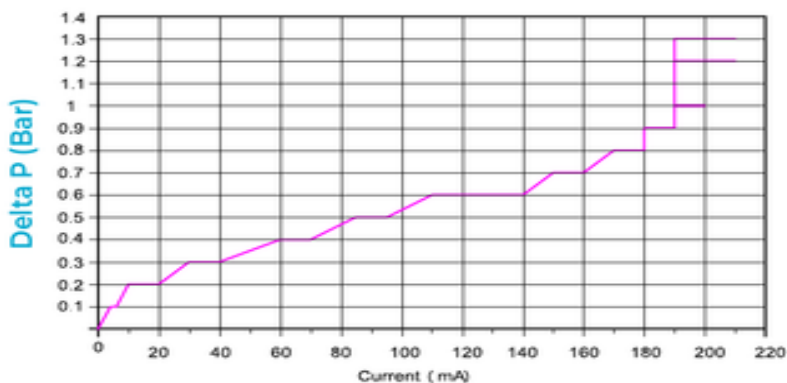
# IHPG - Hydraulic Power Generator

SECTION Technical drawing 2 of 2 REF EFC-406

**P26G - PRESSURE MANAGEMENT VALVE WITH HYDRAULIC POWER GENERATOR**



**PRESSURE DIFFERENTIAL VS CURRENT**



**POWER TABLE**

OUTPUT 12 VOLT	
Delta P (Bar)	Current (mA)
0.1	4~6
0.2	10~12
0.3	30~40
0.4	60~70
0.5	85~95
0.6	110~140
0.7	150~160
0.8	170~180
0.9	180~190
1	190~200
1.2	190~210
1.3	190~210

**NOTE:** The power table indicates the expected current output (in mA) for various differential pressures (delta P) when operating the Hydraulic Power Generator. Actual performance may vary depending on specific operating conditions.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

HYDRAULIC POWER GENERATOR

# MHPG - Hydraulic Power Generator

REF **EFC-407** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN25 to DN1000</b>
Pressure	<b>PN10 to PN25</b>
End connection	<b>flanged (EN 1092-2)</b>

## STANDARDS

Test	<b>Body: 1.5 MPa (PN10), 2.4 MPa (PN16), 3.75 MPa (PN25), Seat: 1.1 MPa (PN10), 1.76 MPa (PN16), 2.75 MPa (PN25)</b>
------	--

## CERTIFICATIONS

- WRAS

## COATINGS & LINING

- Fusion Bonded Epoxy (FBE) (WRAS approved or equivalent)

## APPLICATIONS

- SCADA integration
- Data loggers
- Pipeline monitoring
- Smart water networks



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

Body **EN-GJS-500-7 (AS 1831)**

## FEATURES

- The MHPG modular hydraulic power generator provides a configurable DC output for SCADA and telemetry integration
- The modular design allows output voltage and power conditioning to be matched to the connected equipment
- Suitable for data loggers, pressure and flow transmitters and radio telemetry units in remote pipeline locations

## PRESSURE-TEMPERATURE RATING

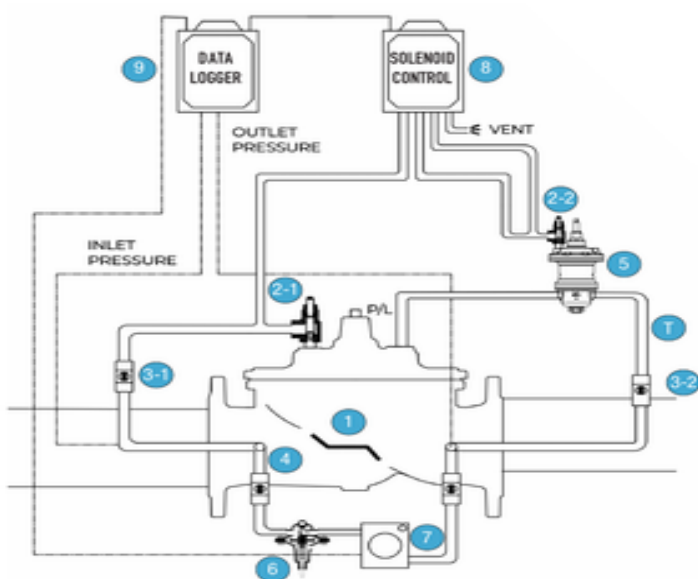
CLASS	TEMPERATURE	MAX PRESSURE
PN10	-10°C	10 bar
PN10	80°C	10 bar
PN16	-10°C	16 bar
PN16	80°C	16 bar
PN25	-10°C	25 bar
PN25	80°C	25 bar

HYDRAULIC POWER GENERATOR

# MHPG - Hydraulic Power Generator

SECTION Technical drawing 1 of 2 REF EFC-407

**P26G - PRESSURE MANAGEMENT VALVE WITH HYDRAULIC POWER GENERATOR**



**Part List**

No	Parts Name	Material
1	Main Valve	GJS 500-7
2	Needle Valve	SUS304/316
3	Ball Valve	SUS304/316
4	Strainer	SUS304/316
5	Hydraulic Control Pilot	SUS304/316
6	Pressure differential guide valve	SUS304/316
7	Electric generator	Commercial
8	Data Logger	Commercial
9	Battery Pack	Commercial
T	Tube	SUS304/316

**HYDRAULIC POWER GENERATOR - TECHNICAL DATA**

<b>Size Range</b>	<b>DN 25 mm</b> Suitable for installations requiring a nominal diameter of 25 mm.
<b>Pressure Rating</b>	PN10: Suitable for applications with a maximum working pressure of 10 bar (145 psi). PN16: Suitable for applications with a maximum working pressure of 16 bar (232 psi). PN25: Suitable for applications with a maximum working pressure of 25 bar (363 psi). The hydraulic power generator is designed to withstand the specified pressure ratings without compromising performance or safety.
<b>Maximum Temperature Range:</b>	<b>-10°C to 80°C</b> The Hydraulic Power Generator is designed to operate within a temperature range of -10°C to 80°C (-14°F to 176°F). It is important to ensure that the hydraulic fluid temperature remains within this range for optimal performance and to prevent any potential damage to the generator. Please refer to the product manual and guidelines for detailed installation instructions, maintenance procedures, and safety precautions specific to the Hydraulic Power Generator model you are considering.

**Disclaimer:** The technical data and specifications provided are subject to change without prior notice as part of our continuous product improvement process. It is recommended to verify the latest information from our official documentation or contact our customer support for the most up-to-date details.

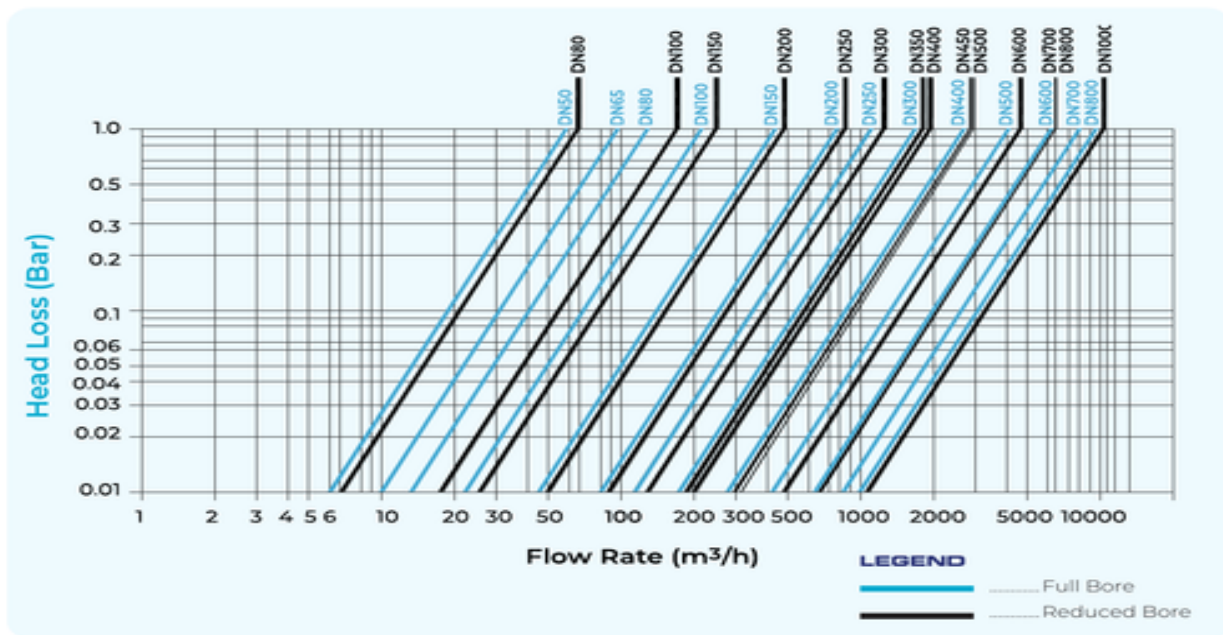
Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

HYDRAULIC POWER GENERATOR

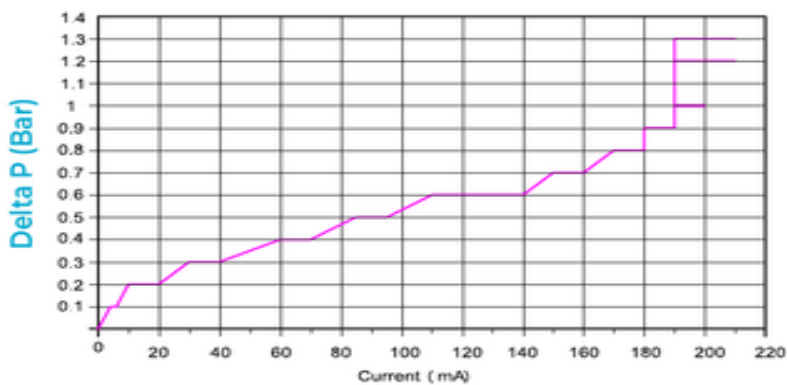
# MHPG - Hydraulic Power Generator

SECTION Technical drawing 2 of 2 REF EFC-407

**P26G - PRESSURE MANAGEMENT VALVE WITH HYDRAULIC POWER GENERATOR**



**PRESSURE DIFFERENTIAL VS CURRENT**



**POWER TABLE**

OUTPUT 12 VOLT	
Delta P (Bar)	Current (mA)
0.1	4~6
0.2	10~12
0.3	30~40
0.4	60~70
0.5	85~95
0.6	110~140
0.7	150~160
0.8	170~180
0.9	180~190
1	190~200
1.2	190~210
1.3	190~210

**NOTE:** The power table indicates the expected current output (in mA) for various differential pressures (delta P) when operating the Hydraulic Power Generator. Actual performance may vary depending on specific operating conditions.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

SURGE VESSEL

# Bladder Surge Vessel

REF **EFC-410** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>100L to 120,000L</b>
Media	<b>Potable water, Raw water, Wastewater, Irrigation water</b>

## STANDARDS

Design	<b>PED 97/23/EC, EN 13445, ASME VIII-Div.1, PD 5500, CODAP 2000, AD-MERKBLATTER</b>
--------	---

## COATINGS & LINING

- Epoxy internal lining (carbon steel variants)

## APPLICATIONS

- Water transmission main surge protection
- Pump station water hammer control
- Municipal potable water supply networks
- Irrigation distribution systems
- Wastewater pumping mains
- Industrial pipeline pressure management



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

---

Body	<b>Carbon steel, Stainless steel</b>	Bladder	<b>Polyurethane, Butyl (ACS/WRAS for potable water)</b>
------	--------------------------------------	---------	---

---

## FEATURES

- Internal bladder physically separates pressurised air from pipeline fluid, preventing air absorption and maintaining the cushion volume indefinitely without compressor intervention
- Absorbs positive and negative pressure transients caused by pump trip or rapid valve closure, protecting mains and equipment from water hammer damage
- Butyl bladder variants ACS-certified or WRAS-approved for potable water service; polyurethane bladders for general service
- Carbon steel or stainless steel pressure shell; design per client specification and site hydraulic analysis
- Capacities from 100 litres to 120,000 litres, sized per transient hydraulic analysis
- Manufactured to PED 97/23/EC and internationally recognised pressure vessel codes including EN 13445 and ASME VIII-Div.1

## OPTIONS & NOTES

- Specify required capacity in litres when enquiring (range: 100–120,000 L). Vessel is sized per site hydraulic transient analysis.

SURGE VESSEL

# Open Surge Vessel

REF **EFC-411** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>100L to 120,000L</b>
Media	<b>Raw water, Irrigation water, Wastewater, Industrial process water</b>

## STANDARDS

Design	<b>PED 97/23/EC, EN 13445, ASME VIII-Div.1, PD 5500, CODAP 2000, AD-MERKBLATTER</b>
--------	---

## COATINGS & LINING

- Epoxy internal lining (carbon steel variants)

## APPLICATIONS

- Raw water transmission main surge protection
- Irrigation network pressure management
- Industrial pipeline surge suppression
- Pump station water hammer control
- Wastewater rising main protection
- Remote or unmanned pump stations (passive suction cup variant)



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

---

Body **Carbon steel, Stainless steel**

---

## FEATURES

---

- Air cushion in direct contact with pipeline fluid absorbs positive and negative pressure transients caused by pump trip or rapid valve closure
- Integrated compressor variant maintains air volume on a timed or pressure-actuated cycle, compensating for dissolved air loss over time
- Passive suction cup variant replenishes air without external power, suited to remote or unmanned installations
- Carbon steel or stainless steel pressure shell; design per client specification and site hydraulic analysis
- Capacities from 100 litres to 120,000 litres, sized per transient hydraulic analysis
- Manufactured to PED 97/23/EC and internationally recognised pressure vessel codes including EN 13445 and ASME VIII-Div.1

## OPTIONS & NOTES

---

- Specify required capacity in litres when enquiring (range: 100–120,000 L). Vessel is sized per site hydraulic transient analysis. Specify air maintenance method: integrated compressor or passive suction cup.

NEEDLE VALVE

# Double ferrules needle valve

REF **EFC-41** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>1/8" to 1"</b>
Pressure	<b>1000 psi to 10000 psi</b>
End connection	<b>double ferrule compression</b>
Temperature	<b>-54°C to 649°C</b>
Media	<b>oil, gas, water, acid liquid</b>

## ACTUATION

- manual handle

## APPLICATIONS

- Power stations
- Oil refining installations
- Chemical installations
- Instrument measurement pipelines
- Flame cutting equipment
- Pipeline flow control and shut-off



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

Body	<b>SS304, SS316, Carbon steel A105</b>	Bonnet gasket	<b>PTFE, RPTFE, VITON, Graphite</b>
Bonnet	<b>SS201, SS304, SS316</b>	Packing seat	<b>PTFE, Graphite</b>
Packing	<b>PTFE, Graphite</b>	Packing gland	<b>SS304, SS316, A105</b>
Stem	<b>SS201, SS304, SS316</b>	Handle	<b>SS201, SS304, SS316, A105</b>
Handle nut	<b>SS201, SS304, SS316, A105</b>	Body (image 1)	<b>SS 304</b>
Body (image 2)	<b>SS 316</b>	Body (image 4)	<b>SS 316</b>

**FEATURES**

- Dust-proof cap on top of stuffing box gland to protect stem thread from external impurities
- Stuffing filling positioned below thread to protect lubricating grease from being displaced
- Core and stem lapped joint with up-sealing function
- Vertical hard sealing between core and body, and between seat and body
- Non-rotational ball-shaped stem head option available
- Adjustable stem head option available
- Operating pressure up to 10000 psi (689 bar)
- Precise flow rate adjustment
- Compression (tube) end connections (ferrule-type)
- Handwheel operator (red cast iron) - image 1
- T-bar operator (stainless) - image 2
- Knurled knob operator (black plastic) - image 3
- T-bar operator (black plastic-tipped) - image 4
- Flow direction arrow marked on body
- Model J91W-160P visible on body (image 1): pressure class 160 bar
- Tube OD Ø10 mm, material 304 stainless (image 1)
- Tube OD Ø1/2 inch, material 316 stainless (image 2)
- Rated pressure 6000 PSI, material SS316 (image 4)
- Performance: Pressure rating: 160 bar (model J91W-160P, Ø10-304, image 1)
- Performance: Pressure rating: 6000 PSI (~414 bar) (SS316, image 4)

**OPTIONS & NOTES**

- MOQ: 20 pcs
- Sample available: Yes, sample is free
- Non-standard products can be made as per customer drawings and samples

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

DIAPHRAGM VALVE

# Diaphragm Valve

REF **EFC-148** ISSUED **08 Jul 2026**

## SPECIFICATIONS

Size	<b>DN15 to DN500</b>
Pressure	<b>PN10 to PN40</b>
End connection	<b>flanged (DIN 2501) / flanged (TS 810) / flanged (BS 4504) / flanged (ASA 125) / flanged (ASA 150)</b>
Face-to-face	<b>DIN3202/2-F1, BS 5156</b>

## ACTUATION

- manual handwheel — GG 25 / St handwheel



## MATERIALS

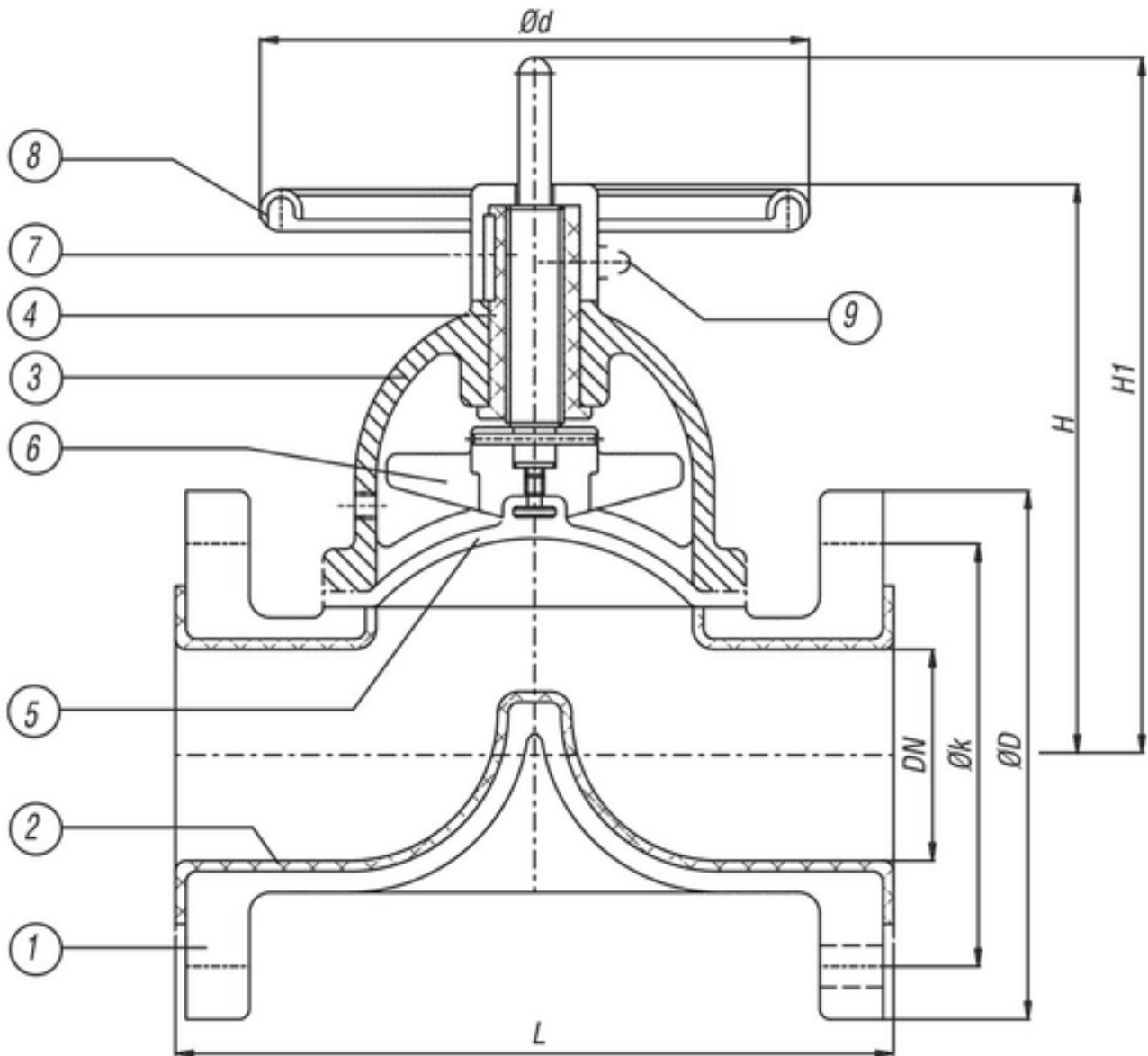
Body	<b>GG 25, GGG-40, GS-C 25</b>	Rubber	<b>HRL, BL, HL</b>
Bonnet	<b>GG 25, GGG-40, GS-C 25</b>	Bushing	<b>Ms 58, Bronze</b>
Membrane	<b>EPDM, BUNA-N</b>	Valve head	<b>GG 25, GGG-40, GS-C 25</b>
Stem	<b>1.4021, AISI 304</b>	Handwheel	<b>GG 25, St</b>
Oil nipple	<b>St</b>		

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

DIAPHRAGM VALVE

# Diaphragm Valve

SECTION Technical drawing 1 REF EFC-148



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

DIAPHRAGM VALVE

# Diaphragm Valve

SECTION Dimensions per size REF EFC-148

SIZE	L	BS L	H	H1	OD	PN10 D	PN10 K	PN16 D	PN16 K	PN40 D	PN40 K	PN40 KASA125/150 D	PN40 KASA125/150 K	WEIGHT
DN15	130	106	75	75	80	95	65	95	65	95	65	89	60	2.5 kg
DN20	150	117	100	100	80	105	75	105	75	105	75	99	70	3 kg
DN25	160	127	110	110	80	115	85	115	85	115	85	108	79	3 kg
DN32	180	146	125	150	80	140	100	140	100	140	100	117	89	6.5 kg
DN40	200	159	145	170	100	150	110	150	110	150	110	127	98.5	7 kg
DN50	230	190	175	205	100	165	125	165	125	165	125	152.4	120.7	9 kg
DN65	290	216	195	235	120	185	145	185	145	185	145	178	139.7	14 kg
DN80	310	254	235	280	140	200	160	200	160	200	160	191	152.4	18 kg
DN100	350	305	265	330	160	220	180	220	180	235	190	229	190.5	26 kg
DN125	400	356	320	400	200	250	210	250	210	270	220	254	216	50 kg
DN150	480	406	375	460	250	285	240	285	240	300	250	279.5	241.3	66 kg
DN200	600	521	530	645	280	340	295	340	295	375	320	343	298.5	130 kg

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-148** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

## Diaphragm Valve

Dimensions per size (continued) · EFC-148

SIZE	L	BS L	H	H1	OD	PN10 D	PN10 K	PN16 D	PN16 K	PN40 D	PN40 K	ASA125/150 D	ASA125/150 K	WEIGHT
<b>DN250</b>	730	635	630	775	320	395	350	405	355	450	385	406	362	190 kg
<b>DN300</b>	—	749	730	930	360	445	400	460	410	515	450	483	432	295 kg
<b>DN350</b>	—	921	810	1030	400	505	460	520	470	580	510	533	476.3	—
<b>DN400</b>	—	749	775	975	500	565	515	580	525	660	585	597	539.8	—
<b>DN450</b>	—	921	850	1070	500	615	565	640	585	685	610	635	578	—
<b>DN500</b>	—	921	875	1095	800	670	620	715	650	755	670	698.5	635	—

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

FOOT VALVE

# Cast Iron Foot Valve

REF **EFC-251** ISSUED 08 Jul 2026

## SPECIFICATIONS

Pressure	<b>PN10 to PN16</b>
End connection	<b>flanged</b>
Temperature	<b>-10°C to 120°C</b>
Media	<b>chemicals, air, water, steam, oil, acids, salts</b>

## APPLICATIONS

- Agricultural irrigation
- Municipal water supply
- Wastewater treatment
- Industrial suction systems



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**EFC-251** · Specifications confirmed at quote

sales@euroflowcontrol.com · euroflowcontrol.com

**MATERIALS**

Body	<b>Cast Iron, Ductile Iron</b>	Seat	<b>NBR, EPDM, Viton, Neoprene, HYPALON, Silicon</b>
Shaft	<b>Stainless Steel 416, Stainless Steel 316, Stainless Steel 304</b>	Disc	<b>Ductile Iron+Ni, CF8, CF8M, Bronze</b>
Pin	<b>Stainless Steel</b>	Bushing	<b>PTFE, Bronze</b>
O ring	<b>NBR, EPDM</b>	Body	<b>Cast Iron</b>
Screen	<b>Stainless Steel</b>	Gasket	<b>Graphite</b>
Flange Plate	<b>Cast Iron</b>	Stud Bolt	<b>Carbon Steel</b>
Lock Block	<b>Cast Iron</b>	Disc	<b>Cast Iron, Rubber</b>
Valve Guide	<b>Brass</b>	Bolt Nut	<b>Carbon</b>
Screw	<b>Carbon</b>	Stem	<b>SS416, SS316, SS304</b>

**FEATURES**

- Integrated strainer filters debris from incoming fluid
- Spring-loaded disc mechanism provides tight shutoff when pump is off
- Prevents reverse flow and maintains pressure stability
- Available in various flange sizes and pressure ratings

**OPTIONS & NOTES**

- Various flange sizes and pressure ratings available to meet a range of application needs

BACKFLOW PREVENTER

# BFPX - Back Flow Preventer

REF **EFC-389** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN50 to DN400</b>
Pressure	<b>PN10 to PN16</b>
End connection	<b>threaded (BSP) / flanged (EN 1092-2)</b>
Media	<b>Clean water, Contaminated water</b>

## STANDARDS

Design	<b>ISO 5752, EN 1092-2, ISO 7005-2</b>
--------	--

## COATINGS & LINING

- Powder epoxy coating inside and outside for corrosion resistance

## APPLICATIONS

- Industrial cross-connections
- Irrigation systems
- Commercial buildings
- Hospitals
- Food processing
- Fire suppression



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

Body **EN-GJS-500-7**

## FEATURES

- The BFPX provides reduced pressure zone (RPZ) backflow prevention to EN 1717 for fluid category 4 and 5 hazards
- The assembly comprises two independent check valves with a monitored relief valve in the zone between them
- If either check valve fails, the relief valve opens to atmosphere, preventing contaminated downstream water from siphoning back into the potable supply
- Mandatory for connections to industrial processes, irrigation and commercial premises under current European water regulations

## PRESSURE-TEMPERATURE RATING

CLASS	TEMPERATURE	MAX PRESSURE
PN10	-10°C	10 bar
PN10	80°C	10 bar
PN16	-10°C	16 bar
PN16	80°C	16 bar

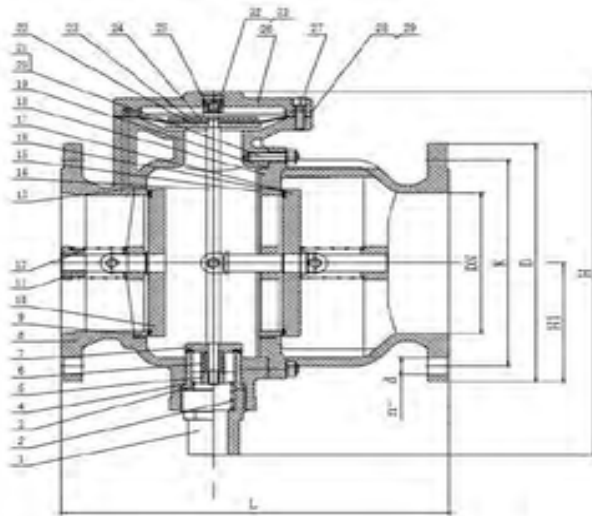
Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BACKFLOW PREVENTER

# BFPX - Back Flow Preventer

SECTION Technical drawing 1 of 2 REF EFC-389

BFPX - Flange type



Parts List

No.	Part Name	Material	Standard
1	Relief Joint	Stainless steel	AISI304
2	Spring	Stainless steel	AISI304
3	Seat	Stainless steel	AISI304
4	O-ring	Rubber	EPDM
5	Nut	Stainless steel	AISI304
6	Bushing	Plastic	PTFE
7	Wedge	Stainless steel	AISI304
8	Body	Ductile iron	GJS500-7
9	Front Seat	Stainless steel	AISI304
10	Front Retainer	SS+Rubber	AISI304+EPDM
11	Spring seat	Stainless steel	AISI304
12	Spring	Stainless steel	AISI304
13	O-ring	Rubber	EPDM
14	Stem	Stainless steel	AISI304
15	Back Seat	Stainless steel	AISI304
16	Back Retainer	SS+Rubber	AISI304+EPDM
17	O-ring	Rubber	EPDM
18	By-Body	Ductile iron	GJS500-7
19	O-ring	Rubber	EPDM
20	Bolt	Stainless steel	AISI304
21	Hex Bolt	Stainless steel	AISI304
22	Down Retainer	Stainless steel	AISI304
23	Diaphragm	Rubber+Nylon	EPDM+Nylon reinforcement
24	Up Retainer	Stainless steel	AISI304
25	Bolt	Stainless steel	AISI304
26	Bonnet	Ductile iron	GJS500-7

27	Bolt	Stainless steel	AISI304
28	Bolt	Stainless steel	AISI304
29	Gasket	Rubber	EPDM

Dimension:

DN	Model No	L (F/F)	ØD		ØK		n-Ød		Unit: mm
			PN10	PN16	PN10	PN16	PN10	PN16	
50	BFPX-0050	230	165		125		4-Ø19		
65	BFPX-0065	236	185		145		4-Ø19		
80	BFPX-0080	276	200		160		8-Ø19		
100	BFPX-0100	298	220		180		8-Ø19		
125	BFPX-0125	303	250		210		8-Ø23		
150	BFPX-0150	364	285		240		8-Ø23		
200	BFPX-0200	470	340		295		8-Ø23	12-Ø23	
250	BFPX-0250	530	395	405	350	355	12-Ø23	12-Ø28	
300	BFPX-0300	580	445	460	400	410	12-Ø23	12-Ø28	
350	BFPX-0350	690	505	520	460	470	16-Ø23	16-Ø28	
400	BFPX-0400	770	565	580	515	525	16-Ø28	16-Ø32	

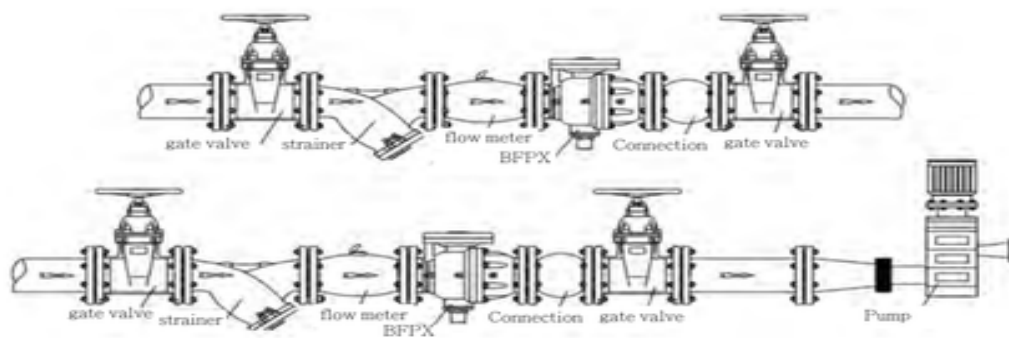
Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

BACKFLOW PREVENTER

# BFPX - Back Flow Preventer

SECTION Technical drawing 2 of 2 REF EFC-389

## Installation Recommendation



1. Before installation, the pipe should be washed out to clean.
2. The horizontal installation is recommended.
3. The gate valve should be installed in both side of the backflow preventer. There should be a strainer in the inlet of back flow preventer.
4. There should be more than 300mm tolerance between the water release nozzle and ground.

BACKFLOW PREVENTER

# BFPX - Back Flow Preventer

SECTION Dimensions per size REF EFC-389

SIZE	L	OD_PN10	OK_PN10	OD_PN16	OK_PN16
DN50	230	165	125	—	—
DN65	236	185	145	—	—
DN80	276	200	160	—	—
DN100	298	220	180	—	—
DN125	303	250	210	—	—
DN150	364	285	240	—	—
DN200	470	340	295	—	—
DN250	530	395	350	405	355
DN300	580	445	400	460	410
DN350	690	505	460	520	470
DN400	770	565	515	580	525

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

ACCESSORY

# Float Type Steam Trap

REF **EFC-420** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN 15 to DN 25</b>
Pressure	<b>PN16</b>
End connection	<b>threaded (ISO 228/1) / flanged (DIN 2533)</b>

## MATERIALS

Cover	<b>GS-C25</b>	Body	<b>GS-C25</b>
Thermostatic capsule	<b>Stainless Steel</b>	Air vent seat	<b>Stainless Steel</b>
Float seat	<b>Stainless Steel</b>	Main valve ball	<b>Stainless Steel</b>
Float lever	<b>Stainless Steel</b>	Float	<b>Stainless Steel</b>

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

ACCESSORY

# Float Type Steam Trap

SECTION Dimensions per size REF EFC-420

SIZE	A	K	B	C	D
DN 15	150	150	108	68	122
DN 20	150	150	108	68	122
DN 25	160	167	108	107	145

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.

CRYOGENIC CHECK VALVE

# Cryogenic Swing Check Valve

REF **EFC-490** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>DN15 to DN600</b>
Pressure	<b>PN10 / Class 150 to PN420 / Class 2500</b>
Temperature	<b>-196°C to 150°C</b>
Media	<b>LNG, LPG, natural gas, oil, gas</b>

## ACTUATION

- Manual
- Pneumatic
- Electric

## STANDARDS

Design	<b>BS 6364, ISO 28921</b>
--------	---------------------------

## APPLICATIONS

- Air separation plants
- LNG storage and transportation
- Chemical industry
- LPG service
- Long-distance oil and gas pipelines



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

## MATERIALS

---

Body	<b>Stainless Steel</b>	Sealing surfaces	<b>Hardened material, PTFE composite</b>
------	------------------------	------------------	--

---

## FEATURES

---

- Cantilevered swing disc structure for rapid response and reliable sealing
- Low-inertia disc design ensures rapid closure and reduces water hammer effects
- Valve seat and disc sealing surfaces treated with hardening or PTFE composite materials to accommodate ultra-low temperature contraction
- Optimised flow path design reduces pressure loss and risk of icing
- Compact overall structure supporting horizontal or vertical installation
- Complies with BS 6364 and ISO 28921

## OPTIONS & NOTES

---

- NPS 1/2\*~24\* — asterisk notation present in source, exact meaning unspecified
- Operator options listed as: Manual, Pneumatic, Electric, etc.
- Technical Specification available as download (content not provided on page)

DOUBLE DISC GATE VALVE

# Double Disc Gate Valve-Ethylene

REF **EFC-512** ISSUED 08 Jul 2026

## SPECIFICATIONS

Size	<b>NPS 6" to NPS 60"</b>
Pressure	<b>Class 150 / PN100 to Class 2500 / PN420</b>
End connection	<b>flanged (ASME B16.5) / flanged (ASME B16.47) / flanged (GB/T 9113) / flanged (JB/T 79) / flanged (HG/T 20592) / flanged (EN 1092) / flanged (GOST 33259) / butt weld (ASME B16.25 / GB/T 12224)</b>
Face-to-face	<b>ASME B16.5, ASME B16.47, GB/T 9113, JB/T 79, HG/T 20592, EN 1092, GOST 33259</b>
Temperature	<b>-60°C to 538°C</b>
Media	<b>cracked gas, tap water, sewage, petroleum, chemical media, food media</b>



## ACTUATION

- manual
- electric — Fully enclosed, weather-resistant actuator

## STANDARDS

Design	<b>ASME B16.34, GB/T 12234</b>
Test	<b>API 598, API 6D, GB/T 13927, JB/T 9092, GOST 9544</b>

## APPLICATIONS

- Petrochemical industry – cracked gas handling
- Oil and gas
- Chemical processing
- Water supply and sewage
- Construction
- Food industry

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

**MATERIALS**

---

Body	<b>Carbon Steel, Stainless Steel, Alloy Steel</b>	Seat seal	<b>PTFE</b>
------	---	-----------	-------------

---

**FEATURES**

- Floating seat with O-ring seals for bidirectional sealing at approximately half the standard operating torque
- Dual PTFE and metal sealing: PTFE-to-metal and metal-to-metal seat sealing with debris-cleaning capability
- Grease injection port at seat enabling zero-leakage sealing
- Flow guiding holes in gate to protect sealing surfaces from media erosion
- Straight, smooth full-bore channel when fully open for low flow resistance and pipeline pigging capability
- Self-sealing packing structure with auxiliary grease injection for near-zero packing leakage
- Self-relieving seat that automatically releases trapped cavity pressure when valve is closed
- Fully enclosed, weather-resistant actuator suitable for all ambient conditions
- Open/closed position indicator
- Dual soft seal structure with multiple sealing rings
- Automatic self-cleaning mechanism removes deposits during operation

**OPTIONS & NOTES**

- Operator options listed as 'Manual, Electric, etc...' — additional actuator types available on enquiry

REFERENCE

# Standards, certification & terms

## OUR RANGE

This catalogue shows a representative selection of the range. Valves are configurable: size, pressure rating, materials and end connections can be specified to your project. Items not shown can be supplied to specification on request.

## STANDARDS & CERTIFICATION

Products are manufactured to the standards listed against each item. Material and test certificates (EN 10204 3.1), and approvals such as PED, ATEX, fire-safe (API 607 / 6FA) or marine classification, are available on request and confirmed per order. Certification is provided to project requirements.

## TERMS

Specifications shown are indicative and confirmed at quotation. Dimensions, materials and ratings are subject to confirmation against the supplier datasheet for the configured item, and subject to change without notice. This catalogue does not constitute an offer.

© 2026 EAP Global Limited, trading as Euro Flow Control. Company no. Malta C 110100.

NEXT STEP

## How to enquire

Submit your requirement in whichever format is convenient. Each enquiry is reviewed and answered with a quotation.

**1 Submit a specification or parts list**

Email a specification, drawing or line list (PDF, Word or Excel); each line is matched to the range.

**2 Describe your requirement**

Provide the duty, size, pressure and material, together with any supporting documents.

**3 Enquire online**

Submit a request at [euroflowcontrol.com](http://euroflowcontrol.com).

**EAP Global Limited (trading as Euro Flow Control)**

Airedesk Business Hub 17, Triq Il-Modd, Swieqi, SWQ 2373, Malta  
[sales@euroflowcontrol.com](mailto:sales@euroflowcontrol.com) · +351 912 529 904 · [euroflowcontrol.com](http://euroflowcontrol.com)  
Company no. Malta C 110100

We acknowledge every enquiry within one business day.