

BALL VALVE

## 316 Stainless Steel ISO Top Full Bore Ball Valve

REF **EFC-416** ISSUED 06 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

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**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.*

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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

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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.