

BUTTERFLY VALVE

Aluminum Bronze Disc EPDM Seat Lug Butterfly Valve with Gear Operator

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SPECIFICATIONS

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

ACTUATION

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

STANDARDS

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



APPROVALS & CERTIFICATIONS

- LR (Lloyd's Register)
- ECM (Ente Certificazione Macchine)
- ISO
- EAC
- CE
- Bureau Veritas
- ACS (Attestation de Conformité Sanitaire)
- WRAS Approved Product

APPLICATIONS

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

MATERIALS

body	Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel	disc	Copper Alloy
stem	Stainless Steel, Carbon Steel	seat	Elastomer, Fluoropolymer, Fluoroelastomer
bushing	Fluoropolymer, Copper Alloy	o ring	Elastomer
pin	Stainless Steel		

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