

BUTTERFLY VALVE

Aluminum Bronze Disc PTFE Seat Wafer Butterfly Valve with Gear Operator

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SPECIFICATIONS

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



ACTUATION

- gear operator — Manual worm gear — ISO5211 top flange

STANDARDS

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

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 treatment
- marine
- chemical services



MATERIALS

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

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)