

BUTTERFLY VALVE

Double Flanged Butterfly Valve

REF **EFC-261** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	DN50–DN1000
Pressure	PN10–PN16
End connection	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)
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

APPROVALS & CERTIFICATIONS

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



- WRAS Approved Product

APPLICATIONS

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

MATERIALS

body	Carbon Steel, Stainless Steel, Cast Iron, Ductile Iron, Aluminium Bronze	disc	Carbon Steel, Stainless Steel, Cast Iron, Ductile Iron, Aluminium Bronze
seat	Elastomer, Fluoroelastomer, PTFE	stem	Carbon Steel, Stainless Steel
bushing	PTFE, Lubricated	o ring	Elastomer, PTFE
pin	Stainless Steel		

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

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SECTION Technical drawing REF EFC-261

