

BUTTERFLY VALVE

Grooved end butterfly valve

REF **EFC-284** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	DN50–DN300
Pressure	PN10–PN16
End connection	grooved
Face-to-face	API609, ISO5752 series 20, BS5155
Temperature	null°C to 150°C
Media	Fresh water, Sewage, Sea water, Air, Vapour, Food, Medicine, Oils, Acids, Alkalis

ACTUATION

- manual lever — ISO5211
- worm gear — ISO5211
- pneumatic — ISO5211
- electric — ISO5211

STANDARDS

Design	MSS SP-67, API609, EN593
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

- HVAC
- Fire protection
- Water distribution

MATERIALS

body	Ductile Iron	seat	Elastomer
shaft	Stainless Steel	disc	Ductile Iron
pin	Stainless Steel	stem	Stainless Steel

FEATURES

- Grooved connection for assembly without flanged joints or welding
- Resilient seat for tight sealing and corrosion resistance
- Lightweight body
- Low-torque operation
- Suitable for isolation and throttling service
- Compatible with standard grooved pipe fittings
- Grooved-end (Victaulic-type) pipe connections
- Available with handwheel gear operator
- Available with lever operator with position indicator and tamper-evident feature
- Available with supervisory switch / tamper switch (electrical cable visible on some variants)
- Yellow open/closed position indicator on gear-operated variants
- OPEN/CLOSE markings cast into handwheel (index 4)
- Available in red-painted (fire protection) and blue-painted (general service) versions
- Stem with groove for supervisory switch integration
- DN50 to DN300 size range

OPTIONS & NOTES

- Operating mode: manual, worm gear, pneumatic, electric, etc.

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SECTION Technical drawing REF EFC-284

