

BUTTERFLY VALVE

Aluminum Bronze Disc PTFE Seat Lug Butterfly Valve with Gear Operator

REF **EFC-241** ISSUED 05 Jun 2026

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 | chemicals, air, water, steam, oil, acids, salts |

ACTUATION

- gear operator — Worm gear for manual operation; torque reduction for 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

- Marine installations
- Chemical processing systems
- Cooling water lines
- Industrial water treatment pipelines

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

- Aluminium bronze disc providing resistance to seawater and chemically aggressive environments
- PTFE seat providing stable sealing performance and low operating friction
- Lug-type body allowing secure bolting and end-of-line service
- Gear operator for controlled manual actuation in medium and large diameters
- Suitable for on-off isolation service; not intended for flow regulation
- Lug-type body configuration
- Gearbox (worm gear) actuator fitted
- PTFE/white polymer seat lining visible
- Stainless steel disc
- Red threaded lug inserts in body
- Stem with upper and lower bearings (items 4 and 5 in diagram)
- 7-part construction visible in sectional diagram: body (1), seat (2), disc (3), lower stem bearing (4), upper stem bearing (5), stem (6), gland/packing (7)

OPTIONS & NOTES

- Our products hold up to 10 international authoritative certification certificates, ensuring compliance with global standards.