

BUTTERFLY VALVE

Aluminum Bronze Disc EPDM Seat Lug Butterfly Valve with Handle

REF **EFC-240** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	DN50–DN1200
Pressure	PN10–PN16
End connection	lug (DIN2501) / lug (ANSI) / lug (BS4504) / lug (JIS)
Face-to-face	API609, DIN3202, ISO5752, BS5155
Temperature	-30°C to 135°C
Media	Chemicals, air, water, steam, oil, acids, salts

ACTUATION

- manual lever — Handle operation for direct on-off control — ISO5211 top flange

STANDARDS

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

APPROVALS & CERTIFICATIONS

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

APPLICATIONS

- Water supply networks
- Cooling water systems
- Marine-related installations



- General industrial pipelines
- Wastewater

MATERIALS

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

FEATURES

- Lug-type body supports end-of-line service
- Aluminium bronze disc for corrosion resistance in seawater and corrosive media
- EPDM seat for sealing in clean water, wastewater, and non-aggressive fluids
- Manual handle for direct on-off isolation
- Multiple body, seat, and stem material options available
- Lug-type body configuration
- Lever-operated with notched lockable handle
- Stainless steel disc
- Rubber-lined seat/liner (EPDM or similar, black)
- Threaded lug holes (red plugged) for dead-end service
- Split-stem design visible in sectional drawing
- ISO 5211 top flange for actuator mounting
- Components numbered 1–7 in sectional diagram: 1-lower stem, 2-body, 3-disc, 4-seat/liner, 5-upper stem, 6-stem seal, 7-top flange/bracket

OPTIONS & NOTES

- Seat options include: EPDM, NBR, PTFE, Viton, Neoprene, Hypalon, Silicon (from short description)
- Nominal pressure also stated as 150-300LB in addition to PN10/16