

BUTTERFLY VALVE

# Aluminum Bronze Disc PTFE Seat Lug Butterfly Valve with Handle

REF **EFC-242** ISSUED 05 Jun 2026

## SPECIFICATIONS

Size	<b>DN50–DN1200</b>
Pressure	<b>PN10–300LB</b>
End connection	<b>lug (DIN 2501) / lug (ANSI) / lug (BS 4504) / lug (JIS)</b>
Face-to-face	<b>API 609, DIN 3202, ISO 5752, BS 5155</b>
Temperature	<b>-30°C to 135°C</b>
Media	<b>chemicals, air, water, steam, oil, acids, salts</b>

## ACTUATION

- manual lever — Handle — ISO 5211 top flange

## STANDARDS

Design	<b>API 609, ANSI 16.34, JIS B2064, GB/T 12238</b>
Test	<b>API 598</b>

## APPROVALS & CERTIFICATIONS

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

## APPLICATIONS

- Marine systems
- Chemical processing lines
- Cooling water networks



- Industrial water treatment

**MATERIALS**

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

**FEATURES**

- Aluminium bronze disc provides resistance to seawater, salt spray, and corrosive media
- PTFE seat provides stable sealing performance and low friction
- Lug-type body allows secure bolting to pipeline
- Supports end-of-line service
- Manual handle operation for quick and direct valve control
- PTFE bushing
- Lug-type body design
- PTFE-lined seat/liner (white internal lining visible)
- Stainless steel disc
- Lever operator with notched locking plate
- ISO 5211 top flange for actuator mounting
- Lugged body with threaded bolt holes for dead-end service
- Parts numbered 1–7 in sectional diagram: 1=lower shaft/bush, 2=body, 3=disc, 4=seat/liner, 5=upper shaft, 6=packing/gland area, 7=top flange

**OPTIONS & NOTES**

- Seat options listed include: EPDM, NBR, PTFE, Viton, Neoprene, Hypalon, Silion (from product summary text)