

BUTTERFLY VALVE

# Aluminum Bronze Disc PTFE Seat Wafer Butterfly Valve with Handle

REF **EFC-244** ISSUED 05 Jun 2026

## SPECIFICATIONS

Size	<b>DN50–DN1200</b>
Pressure	<b>PN10–PN16</b>
End connection	<b>wafer (DIN 2501) / wafer (ANSI) / wafer (BS 4504) / wafer (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 handle

## STANDARDS

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



## 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 systems
- Chemical process lines
- Cooling water circuits

- Industrial water treatment

## MATERIALS

body	<b>Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel</b>	disc	<b>Copper Alloy, Stainless Steel, Ductile Iron Nickel Plated</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 for improved resistance to seawater and corrosion compared with ductile iron or carbon steel disc materials
- PTFE seat for sealing where rubber seats may be unsuitable
- Wafer-type body for installation between flanges
- Manual handle operation
- ISO 5211 top flange for actuator mounting
- Wafer-style butterfly valve body
- PTFE-lined seat/liner visible as white seating face
- Lever operator with notched positioning bracket
- Stainless steel disc
- Through-stem (pin-less) shaft design visible in sectional drawing
- Parts numbered 1–7 in sectional drawing: lower shaft (1), body (2), disc (3), seat/liner (4), upper shaft area (5), top flange/ISO mounting pad (6), stem seal/packing area (7)
- Flanged drilling compatible with PN10, PN16, ANSI 150, JIS 10K

## OPTIONS & NOTES

- Seat options also listed in product summary as: EPDM, NBR, PTFE, Viton, Neoprene, Hypalon, Silion — 'Neoprene' and 'Silion' (possibly Silicone) appear in the summary text but not in the formal materials table