

BUTTERFLY VALVE

Aluminum Bronze Wafer Butterfly Valve

REF **EFC-245** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	DN50–DN1200
Pressure	PN10–Class 300
End connection	wafer (DIN 2501) / wafer (ANSI) / wafer (BS 4504) / wafer (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

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
- Offshore
- Seawater cooling systems
- Desalination plants
- Corrosive water service



MATERIALS

body	Copper Alloy, Cast Iron, Carbon Steel, Stainless Steel	disc	Cast Iron, Stainless Steel, Stainless Steel / PTFE, Copper Alloy, Carbon Steel
stem	Stainless Steel, Copper Alloy	seat	Elastomer, Fluoropolymer
bushing	Fluoropolymer	o ring	Elastomer

FEATURES

- Aluminium bronze body material (C95400/C95800) for saltwater and corrosion resistance
- Multiple seat material options: EPDM, NBR, PTFE, Viton, Hypalon, Neoprene, Silicone
- Multiple stem material options: SS 416, SS 316, SS 304, Aluminium Bronze
- PTFE bushings
- ISO 5211 top flange for actuator mounting
- Compatible with ANSI Class 150–300 and PN10/16 flanges
- Wafer and lug body styles visible
- Rubber-lined seat/seal visible in product photos
- Lever operated (hand lever with position lock visible on smaller sizes)
- Gear operated (worm gearbox visible on larger sizes)
- Triple-offset / double-offset disc design visible on larger DN valves
- Flanged drilling compatible with PN10, PN16, ANSI 150, JIS 10K

OPTIONS & NOTES

- Dimensions table referenced in the page (heading 'Dimensions:(mm)') but no tabular data was present in the HTML.

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SECTION Technical drawing REF EFC-245

