

BUTTERFLY VALVE

Aluminum Wafer butterfly valve

REF **EFC-246** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	DN50–DN1000
Pressure	PN10–300LB
End connection	wafer (DIN2501) / wafer (ANSI) / wafer (BS4504) / wafer (JIS)
Face-to-face	API609, DIN3202, ISO5752, BS5155
Temperature	-30°C to 135°C
Media	water, air, steam, oil, chemicals, acids, salts

ACTUATION

- manual lever — Aluminium handle (standard) — ISO5211
- worm gear — ISO5211
- pneumatic actuator — ISO5211

STANDARDS

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



APPROVALS & CERTIFICATIONS

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

APPLICATIONS

- water supply
- HVAC
- industrial piping systems

MATERIALS

body	Aluminium alloy, Cast iron, Ductile iron, Carbon steel, Stainless steel	disc	Ductile iron, Stainless steel, Stainless steel / PTFE lined, Bronze, Carbon steel
stem	Stainless steel	seat	Elastomer, Fluoropolymer, Fluoroelastomer
bushing	Fluoropolymer, Bronze	o ring	Elastomer
handle	Aluminium alloy		

FEATURES

- Lightweight aluminium body construction
- Wafer-type design for compact installation between flanges
- ISO5211 top flange for actuator mounting
- Multiple seat material options for chemical compatibility
- Multiple disc material options including PTFE-lined variants
- Wafer-type butterfly valve with lever operator
- DN100 size marking visible on stem/neck
- Valve body appears to be polypropylene or similar polymer (white/light grey)
- Stainless steel disc
- Black elastomeric seat/liner
- Grey cast lever handle with white position indicator
- Stainless steel stem fasteners
- Lug-style body with through-bolt holes

OPTIONS & NOTES

- Seat options listed in product header include Silicone and Hypalon which do not appear in the main materials table
- Size stated as DN50–DN1200 in the product header but DN50–DN1000 in the specification table

BUTTERFLY VALVE

Aluminum Wafer butterfly valve

SECTION Technical drawing REF EFC-246

