

BUTTERFLY VALVE

Electric Actuator Wafer Butterfly Valve

REF **EFC-276** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	DN50–DN1000
Pressure	PN16
End connection	wafer (DIN / BS / UNI / ISO / ANSI / AS / JIS)
Face-to-face	API 609, ISO 5752 series 20, BS 5155, DIN 3202
Temperature	null°C to 150°C
Media	Fresh water, Sewage, Sea water, Air, Vapour, Food, Medicine, Oils, Acids, Alkalis

ACTUATION

- electric actuator — ISO 5211
- manual lever
- worm gear
- pneumatic

STANDARDS

Design	MSS SP-67, API 609, EN 593
Test	API 598



APPROVALS & CERTIFICATIONS

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

APPLICATIONS

- HVAC
- Water supply and sewage
- Food and beverage
- Chemical / petrochemical / processing
- Power and utilities
- Paper and pulp
- Ship building
- Municipal water systems
- Building automation
- Wastewater treatment

MATERIALS

body	Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel, Bronze	disc	Bronze, Stainless Steel, Ductile Iron, Carbon Steel, Stainless Steel / PTFE
seat	Elastomer, PTFE	stem	Stainless Steel, Carbon Steel
bushing	PTFE, Bronze, Other	o ring	Elastomer
pin	Stainless Steel		

FEATURES

- Compact size and low weight for easy installation and maintenance
- Simple construction with 90-degree on/off operation
- Low operating torque
- Flow characteristic tending to linear, providing good regulation performance
- Rated for tens of thousands of opening/closing cycles
- Wide selection of body and seat materials for compatibility with various media
- Wafer body for installation between standard flanges
- Wafer-style body (images 0-1) and lug-style body (images 2-3) variants visible
- Electric actuator mounted on valve
- Rubber-lined body with stainless steel disc
- Two-piece shaft design visible in sectional diagram
- 7 numbered components visible in sectional diagram (parts 1–7)
- Flanged drilling dimensions provided for PN16, PN10, ANSI 150 and JIS 10K standards

OPTIONS & NOTES

- Available in various sizes and voltage configurations
- Products hold up to 10 international authoritative certification certificates

BUTTERFLY VALVE

Electric Actuator Wafer Butterfly Valve

SECTION Technical drawing REF EFC-276

