

BUTTERFLY VALVE

Electric Actuator Lug Butterfly Valve

REF **EFC-275** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	DN50–DN1000
Pressure	1.0–1.6
End connection	lug (ANSI B 16.1) / lug (EN 1092) / lug (AS 2129)
Face-to-face	API 609, ISO 5752 series 20, BS 5155
Temperature	-45°C to 150°C
Media	Fresh water, Sewage, Sea water, Air, Vapour, Food, Medicine, Oils, Acids, Alkalies

ACTUATION

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

STANDARDS

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

APPROVALS & CERTIFICATIONS

- ISO (International standards compliance)
- API (International standards compliance)
- AWWA (International standards compliance)
- EAC
- DNV
- CE
- ACS (Attestation de Conformité Sanitaire)
- Lloyd's Register (LR)
- ECM (Ente Certificazione Macchine)
- Bureau Veritas



- WRAS Approved Product

APPLICATIONS

- Water treatment
- HVAC
- Chemical processing
- Power generation

MATERIALS

body	Cast Iron, Ductile Iron, Carbon Steel, Aluminium Bronze, Stainless Steel	disc	Cast Iron, Ductile Iron, Aluminium Bronze, Stainless Steel, Carbon Steel
seat	Elastomer, Fluoropolymer	stem	Stainless Steel
bushing	Fluoropolymer, Lubricating material	o ring	Elastomer, Fluoropolymer
pin	Stainless Steel		

FEATURES

- Compact and lightweight construction
- 90-degree quarter-turn on/off operation
- Low operating torque
- Flow characteristic tending toward linear
- Wide material selection for compatibility with various media
- Lug-type body for dead-end service
- Lug-type body configuration
- Electric actuator with manual override handwheel
- 7-part sectional construction: body (1), seat/liner (2), disc (3), shaft lower (4), shaft upper (5), stem seal (6), actuator bracket/top flange (7)
- Drilling pattern compatible with PN10, PN16, ANSI 150 and JIS 10K flanges

OPTIONS & NOTES

- Dimensions table referenced in page (heading 'Dimensions:(mm)') but no data provided
- Products stated to hold up to 10 international certification certificates; specific certificates not enumerated