

BUTTERFLY VALVE

Triple Eccentric Flange Butterfly Valve

REF **EFC-313** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	16 inch–16 inch
Pressure	150LB
End connection	flanged (ASME B16.5)
Face-to-face	ASME B16.10
Temperature	-29°C to 200°C
Media	Crude Oil, Natural Gas

ACTUATION

- manual
- pneumatic — Pneumatic Operated
- electric

STANDARDS

Design	BS 1868, API 609
Test	API 6D, API 598

APPROVALS & CERTIFICATIONS

- Lloyd's Register (LR) approved
- ISO certified
- EAC (Eurasian Conformity) marked
- CE marked
- Bureau Veritas certified
- ACS (Attestation de Conformité Sanitaire)
- WRAS Approved Product
- ECM (Ente Certificazione Macchine) certified

APPLICATIONS

- Power generation
- Chemical processing
- Marine systems



MATERIALS

body	Stainless Steel, Carbon Steel, Low Temperature Steel, Cr-Mo Steel, Alloy Steel, Super Duplex, Aluminium Bronze, Monel, Inconel, Hastelloy, Incoloy	disc	Stainless Steel
stem	Stainless Steel	seat sealing ring	Stainless Steel / Graphite
packing	Graphite	packing flange	Carbon Steel
connecting support	Carbon Steel	washers	Carbon Steel
disc flange	Stainless Steel	bushing	Nitrided Steel
pon	Stainless Steel		

FEATURES

- Triple offset (triple eccentric) disc geometry
- Metal-to-metal sealing for zero-leakage shut-off
- Reduced friction between disc and seat during operation
- Suitable for both throttling and isolation duty
- Flanged end connection for stable installation in large pipeline systems
- Compatible with manual, pneumatic, or electric actuators
- Triple-offset (triple-eccentric) disc geometry visible on multiple units
- Flanged end connections (double-flanged body)
- Worm gear actuator fitted as standard on multiple variants
- Gear operator with handwheel operation
- Extended stem/bonnet arrangement visible on one variant (image 2)
- Metal seat sealing visible on disc face
- Available in stainless steel body/disc construction (images 0, 4)
- Available in carbon steel / ductile iron body with stainless disc (images 2, 5)
- Red-painted body variant with stainless disc (image 3) — indicative of fire-safe or high-pressure service
- Blue-painted cast iron/ductile iron body variant (images 2, 5)
- Multiple units shown ganged together indicating batch/manifold configurations

OPTIONS & NOTES

- Optional actuators—manual, pneumatic, or electric—can be added to suit automation requirements.