

BUTTERFLY VALVE

Double Eccentric Butterfly Valve

REF **EFC-260** ISSUED 05 Jun 2026

SPECIFICATIONS

| | |
|----------------|---|
| Size | 2"–48" |
| Pressure | 125lbs–150lbs |
| End connection | flanged (DIN) / flanged (BS) / flanged (ISO) / flanged (ANSI) / flanged (AS) / flanged (JIS) |
| Face-to-face | API 609, BS 5155, DIN 3202, ISO 5752 |
| Media | water, sewage, food and beverage media, chemical / petrochemical fluids, process fluids, paper and pulp media |



ACTUATION

- worm gear actuator — ISO 5211

APPROVALS & CERTIFICATIONS

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

COATINGS & LINING

- Epoxy coated (retainer)

APPLICATIONS

- HVAC
- Water supply
- Sewage / wastewater treatment
- Food and beverage



- Chemical / petrochemical processing
- Power and utilities
- Paper and pulp
- Shipbuilding
- Municipal water networks
- Industrial pipelines

MATERIALS

| | | | |
|-----------------|--------------------------------|--------------|--------------------------|
| body | Ductile Iron, Cast Iron | bushing | Bronze, Elastomer |
| bottom shaft | Stainless Steel | packing | Elastomer |
| retainer | Carbon Steel | taper pin | Stainless Steel |
| disc | Ductile Iron | disc sealing | Elastomer |
| stuffing flange | Ductile Iron | support | Carbon Steel |
| top shaft | Stainless Steel | cover | Ductile Iron |
| fasteners | Stainless Steel | seat | Elastomer |
| stem | Stainless Steel | | |

FEATURES

- Double eccentric (double offset) disc design
- Offset disc minimises disc-to-seat contact during operation, reducing wear and operating torque
- Resilient seated construction
- Suitable for high-pressure and large-diameter pipelines
- Tight shut-off under fluctuating flow conditions
- Double-flanged body with flange drilling to PN10, PN16, JIS 10K and ANSI 150 standards
- Triple-offset / eccentric disc configuration visible on sectional diagram
- Gearbox (worm gear) actuation option
- Electric actuator with manual override handwheel option
- Large-diameter flanged face with reinforced disc (cross-ribbed disc on large sizes)
- White/PTFE-lined seat visible on electric-actuated variants
- Rubber-lined seat visible on electric-actuated variants
- Pedestal/foot support on large-bore valves
- Part numbers visible in sectional cross-section: parts labelled 1–12 (body, disc, shaft, seat, seals, gland, etc.)

OPTIONS & NOTES

- Available in a range of materials, flange standards, and actuation options to suit various project needs.
- Dimensions table referenced in HTML but no tabulated data was present in the page.

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SECTION Technical drawing REF EFC-260

