

BUTTERFLY VALVE

Concentric Butterfly Valve

REF **EFC-476** ISSUED 07 Jul 2026

SPECIFICATIONS

Size	DN50 to DN1600
Pressure	PN25 / Class 75 to PN25 / Class 150
End connection	flanged (ASME B16.5 / ASME B16.47) / flanged (EN 1092) / flanged (GOST 33259) / flanged (GB/T 9124 / GB/T 17241.6)
Face-to-face	ASME B16.10, GB/T 12221, EN 558
Temperature	-46°C to 120°C
Media	Water (supply and drainage), Gas, Petroleum products, Chemical media, Food-grade media, Pharmaceutical media, Desulphurisation media, Seawater (desalination), Vacuum service



ACTUATION

- Manual
- Pneumatic
- Electric

STANDARDS

Design	API 609, GB/T 37621, GB/T 12238
Test	API 598, GB/T 13927, GOST 9544, EN 12266-1

APPLICATIONS

- Petroleum
- Chemical industry
- Metallurgy
- Hydropower
- Water supply and drainage
- Gas pipelines
- Food processing
- Pharmaceutical industry

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

- Electric power
- Light textile
- Paper making
- Desulphurisation systems
- Seawater desalination systems
- Vacuum systems

MATERIALS

Body	Cast Iron, Carbon Steel, Stainless Steel, Alloy Steel
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FEATURES

- Coaxial stem, disc, and body construction providing balanced opening and closing torque
- Bi-directional sealing with zero leakage
- Replaceable sealing components
- Flow characteristic approximates linear; suitable for flow regulation
- Sealing materials resistant to ageing and mild corrosion
- Suitable for installation in any orientation
- Low operating torque
- Simple construction

OPTIONS & NOTES

- Operator options listed as 'Manual, Pneumatic, Electric, etc...' — additional actuator types available on enquiry