

BUTTERFLY VALVE

Wcb Carbon Steel Flange Butterfly Valve

REF **EFC-320** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	DN50–DN3200
Pressure	PN10–PN16
End connection	flanged (DIN) / flanged (ANSI B 16.1) / flanged (BS 4504) / flanged (ISO) / flanged (JIS B 2212/2213) / flanged (BS 10 Table D) / flanged (BS 10 Table E)
Face-to-face	API 609, ISO 5752 Series 20, BS 5155
Temperature	-15°C to 150°C
Media	Fresh water, Sewage, Sea water, Air, Vapour, Food, Medicine, Oils, Acids, Alkalis, Chemicals, Steam

ACTUATION

- manual lever
- worm gear
- pneumatic
- electric

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 Conformité Sanitaire)
- WRAS Approved Product

APPLICATIONS

- Municipal water systems
- Engineering projects
- Water treatment plants
- HVAC networks
- Industrial process lines

MATERIALS

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

FEATURES

- Flanged-end connection for secure pipeline integration
- Low-torque disc operation
- Tight shut-off
- Customisable size, actuation type, and sealing material
- Flanged-end butterfly valve with lug/wafer body style
- Gearbox operator mounted on top (red housing)
- Pressure ratings: PN10, PN16, ANSI 150
- Size range: DN50 (2") to DN1200 (48")
- Dimensional parameters: C (face-to-face), d0 (stem diameter), K (stem bolt circle), E (stem flange diameter), z-d (stem bolt pattern), g (key width), h (key depth), p (keyway depth), bXl (key dimensions), D1 (flange bolt circle), n-Ød1 (bolt hole count and diameter)

OPTIONS & NOTES

- Can be customized to meet specific project requirements, including size, actuation type, and sealing material.

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SECTION Technical drawing REF EFC-320

