

BUTTERFLY VALVE

Red 5K Lug Butterfly Valve

REF **EFC-300** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	DN40–DN1200
Pressure	PN16
End connection	lug (ANSI B16.1 / EN1092 / AS2129 / DIN / BS / UNI / ISO / JIS)
Face-to-face	API 609, BS 5155, DIN 3202, ISO 5752, ANSI B16.10
Temperature	-45°C to 150°C
Media	Water, Sewage, Fire protection media, HVAC fluids, Food and beverage, Chemical/petrochemical process fluids, Paper and pulp process fluids



APPROVALS & CERTIFICATIONS

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

APPLICATIONS

- Water supply and drainage
- Fire protection systems
- HVAC
- Hydraulic engineering
- Industrial water treatment
- Food and beverage
- Chemical/petrochemical/processing
- Power and utilities
- Paper and pulp



- Ship building

MATERIALS

body	Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel, Aluminium Bronze	seat	Elastomer, Fluoropolymer
stem	Stainless Steel, Carbon Steel	disc	Stainless Steel, Ductile Iron, Nickel
pin	Stainless Steel	bushing	Fluoropolymer, Copper Alloy
o ring	Elastomer		

FEATURES

- Lug-type construction for end-of-line service
- Eccentric structure reduces seat friction and extends service life
- 90° rotation for rapid open/close operation
- Zero-leakage sealing
- Compact and lightweight construction
- Easy assembly and disassembly
- Lug-type body configuration
- Lever operated with notched locking handle
- Part numbers visible on disc: 2006
- Pressure class markings visible on body: 16K
- 7-part numbered sectional assembly shown in dimensional drawing
- Dimension parameters shown: C (face-to-face), d0 (stem diameter), K (bolt circle), E (bolt circle inner), z-d (number and diameter of bolts), g (stem top diameter), h (stem top height), p (flange thickness), b (stem key width), l (stem key length)
- Flange drilling data provided for PN16, PN10, ANSI 150 and JIS 10K standards
- Size range DN50 to DN1200 (2" to 48")

OPTIONS & NOTES

- Normal Pressure stated as PN1.0/1.6 MPa (150/200 PSI) in product header; Working Pressure stated as PN16 (200 PSI) in specification table