

BUTTERFLY VALVE

## Ductile Iron Disc EPDM Seat Lug Butterfly Valve with Handle

REF **EFC-266** ISSUED 05 Jun 2026

### SPECIFICATIONS

Size	<b>DN50–DN1200</b>
Pressure	<b>PN10–PN16</b>
End connection	<b>lug (DIN 2501) / lug (ANSI) / lug (BS 4504) / lug (JIS)</b>
Face-to-face	<b>API 609, DIN 3202, ISO 5752, BS 5155</b>
Temperature	<b>-30°C to 135°C</b>
Media	<b>water, wastewater, chemicals, air, steam, oil, acids, salts</b>

### ACTUATION

- manual handle — ISO 5211 top flange

### STANDARDS

Design	<b>API 609, ANSI 16.34, JIS B2064, GB/T 12238</b>
Test	<b>API 598</b>

### 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 networks
- HVAC systems
- Building services



- General industrial pipeline systems
- On-off isolation service
- End-of-line service

**MATERIALS**

body	<b>Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel</b>	seat	<b>Elastomer, Fluoropolymer, Fluoroelastomer</b>
shaft	<b>Stainless Steel, Carbon Steel</b>	disc	<b>Stainless Steel, Ductile Iron (Nickel plated)</b>
pin	<b>Stainless Steel</b>	bushing	<b>Fluoropolymer, Copper Alloy</b>
o ring	<b>Elastomer</b>	stem	<b>Stainless Steel, Carbon Steel</b>

**FEATURES**

- Lug-type body allows secure bolting to pipeline
- Supports end-of-line service
- Manual handle operation for quick valve control
- Ductile iron disc provides mechanical strength
- EPDM seat provides sealing for clean water and non-aggressive media
- Lug-type body configuration with threaded inserts
- Lever handle actuator with locking positions
- Rubber-lined body seat
- Stainless steel disc
- Part 1: bottom stem/shaft bearing
- Part 2: body/liner assembly
- Part 3: disc
- Part 4: seat/liner
- Part 5: top stem
- Part 6: stem seal/packing
- Part 7: top plate/bracket
- Dimensional reference parameters: C (face-to-face), d0 (stem diameter), K (bolt circle offset), E (bolt circle), z-d (number and diameter of bolts), g (stem top plate diameter), h (top plate height), p (stem projection)
- Flange drilling compatible with PN10, PN16, ANSI 150, JIS 10K standards
- Size range: DN50 (2") to DN1200 (48")

**OPTIONS & NOTES**

- Our products hold up to 10 international authoritative certification certificates, ensuring compliance with global standards.