

BUTTERFLY VALVE

Ductile Iron Sluice Valve

REF **EFC-273** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	DN50–DN1200
Pressure	PN10–PN16
End connection	flanged (DIN2533) / flanged (ANSI 125/150) / flanged (JIS10K)
Face-to-face	DIN3202 F4/F5, BS5163, ANSI B16.10
Temperature	-10°C to 120°C
Media	chemicals, air, water, steam, oil, acids, salts

ACTUATION

- manual
- electric actuator
- gearbox

STANDARDS

Design	DIN3352 F4/F5, MSS SP-70, AWWA C509/515, BS5163
Test	DIN3230, BS6755



APPROVALS & CERTIFICATIONS

- EAC
- DNV
- Bureau Veritas
- ISO
- CE
- ACS
- LR (Lloyd's Register)
- ECM
- WRAS Approved Product

COATINGS & LINING

- epoxy coating (internal and external)

APPLICATIONS

- municipal water distribution
- wastewater pipelines
- irrigation pipeline systems
- fire protection lines
- agricultural applications
- underground installation
- infrastructure projects

MATERIALS

body	Cast Iron, Ductile Iron	wedge	Cast Iron, Ductile Iron
stem	Stainless Steel, Copper Alloy	sealing ring	Elastomer
o ring	Elastomer	body seat ring	brass
disc	ductile iron (DI)	disc seat ring	brass
bonnet	ductile iron (DI)	seat	Elastomer

FEATURES

- non-rising stem design
- resilient rubber-seated wedge for tight shutoff under fluctuating flow conditions
- compact structure for installation in underground or space-limited environments
- epoxy coating for internal and external corrosion protection
- supports manual, electric, and gearbox actuation
- Flanged ends
- Rubber-seated disc (resilient seat)
- Gear operator fitted
- Size range DN600–DN800 covered by this drawing
- PN10 pressure class