

BALL VALVE

Female thread instrument ball valve

REF **EFC-43** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	1/8"-1"
Pressure	1000-6000
End connection	threaded (NPT) / threaded (BSPT) / threaded (BSPP)
Temperature	-20°C to 255°C
Media	oil, gas, water, acid liquid



ACTUATION

- manual lever — Plastic handle

APPROVALS & CERTIFICATIONS

- ISO9001:2015 (Quality management system)
- Material test certificate (Material verification)

APPLICATIONS

- Shutoff applications
- Instrumentation systems

MATERIALS

body	Austenitic Stainless Steel	ball seat	Fluoropolymer, Reinforced Fluoropolymer, Fluoroelastomer, Polymer, High-Performance Polymer
ball	Austenitic Stainless Steel	stem	Austenitic Stainless Steel
thrust washer	Fluoropolymer	stem packing	Fluoropolymer
handle	Polymer	gland nut	Austenitic Stainless Steel
seats	PEEK	disc	Stainless Steel
seat	other		

FEATURES

- Quarter-turn operation
- Full port bore
- Floating ball design
- Forged body construction
- Low fluid resistance
- No torque transmitted to tubing during installation
- Flow direction unrestricted by installation orientation
- Visual open/closed indication via handle position
- Low noise and vibration
- 1/4 NPT female threaded end connections (images 2, 7)
- Butt-weld / plain bore end connections variant visible (images 3, 8)
- Female NPT x female NPT inline configuration (images 1, 6)
- T-bar handle operator in black polymer (images 1, 3, 6, 8)
- T-bar handle operator in grey polymer with locking screw (images 2, 4, 7, 9)
- Square/block body design
- Rated 6000 PSI at 80°C (engraved on body)

OPTIONS & NOTES

- Specified specification available upon request
- OEM, ODM customisation available
- MOQ: 20 pcs
- Sample available; sample is free
- Payment Term: 30% payment before production, the balance before shipment