

BALL VALVE

Double ferrules instrument ball valve

REF **EFC-40** ISSUED **05 Jun 2026**

SPECIFICATIONS

Size	1/8"-1"
Pressure	1000 psi-1000 psi
End connection	double ferrule compression
Temperature	-20°C to 255°C
Media	oil, gas, water, acid liquid

ACTUATION

- manual handle — Plastic handle, quarter-turn operation

APPROVALS & CERTIFICATIONS

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



MATERIALS

body	Stainless Steel	ball seat	Fluoropolymer, Reinforced Fluoropolymer, Fluoroelastomer, Polymer, High-performance Polymer
ball	Stainless Steel	stem	Stainless Steel
thrust washer	Fluoropolymer	stem packing	Fluoropolymer
handle	Polymer	pland nut	Stainless Steel
valve body	SS304 stainless steel	ferrule and nut	stainless steel
disc	Stainless Steel	seat	Fluoropolymer, Reinforced Fluoropolymer, Fluoroelastomer, Polymer, High-performance Polymer

FEATURES

- Full port bore
- Forged construction
- Double ferrule compression connection — no torque transmitted to tubing during installation
- Easy to install, disconnect and retighten
- Quarter-turn operation
- Low fluid resistance
- Flow direction not restricted by installation orientation
- Low noise, low vibration operation
- OEM and ODM customisation available
- Tube compression (twin-ferrule) end connections
- Inline (2-way) ball valve configuration
- Quarter-turn T-bar handle operator
- Separate front ferrule, back ferrule, and nut visible — compression fitting components supplied with valve
- Mixed end configurations available: tube-to-tube compression and tube-to-male-NPT/JIC compression

OPTIONS & NOTES

- Specified specification available upon request
- MOQ: 20 pcs
- Sample available: Yes, sample is free
- Payment Term: 30% payment before production, the balance before shipment
- Thread Type available: NPT, BSPT, BSPP