

BALL VALVE

Female thread hydraulic ball valve

REF **EFC-42** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	1/8"-2"
Pressure	1000-7250
End connection	threaded (NPT) / threaded (BSPT) / threaded (BSPP)
Temperature	-20°C to 255°C
Media	Oil, Gas, Water, Acid liquid

ACTUATION

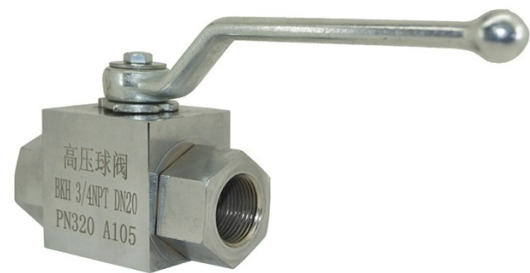
- manual lever — Plastic handle, quarter-turn
- hydraulic actuator — For automatic/remote operation

APPROVALS & CERTIFICATIONS

- ISO9001:2015 (Quality management system)
- ISO 9001:2015 (GB/T19001-2016)
- NPT threaded ends (ANSI/ASME B1.20.1 implied)

APPLICATIONS

- Shutoff applications
- Hydraulic systems
- Drilling mud medium environments
- Blowout preventer hydraulic control platforms



MATERIALS

body	Stainless Steel, Carbon Steel	ball seat	Polymer, Elastomer
ball	Stainless Steel	stem	Stainless Steel
thrust washer	Polymer	stem packing	Polymer
handle	Polymer	disc	Stainless Steel
seat	Polymer, Elastomer		

FEATURES

- Floating ball design, quarter-turn operation
- Forged construction
- Reduced port (reduced bore)
- Female threaded end connections (NPT, BSPT, BSPP)
- Maximum working pressure 7250 PSI
- Temperature range -20°C to 255°C
- Multiple seat material options (PTFE, RPTFE, VITON, PPL, PEEK)
- Manual and remote/automatic operation capable
- OEM and ODM customisation available
- High-pressure block-body ball valve (Ø_c)
- Model designation: BKH
- Size: DN20 / 3/4 NPT
- Pressure rating: PN320 (320 bar)
- Lever (handle) operated
- Three-piece block body construction visible from product photos
- Female NPT threaded end connections both sides
- Performance: Pressure rating PN320 (32 MPa / ~320 bar) — cast on valve body, DN20 (3/4 NPT)
- Performance: Body material: A105 carbon steel — cast on valve body

OPTIONS & NOTES

- Specified specification available upon request
- Free sample can be sent to test quality before placing an order
- Sample available: Yes, sample is free
- MOQ: 20 pcs
- Payment Term: 30% payment before production, the balance before shipment
- Customised: OEM, ODM