

GLOBE VALVE

General Globe Valve (Double Disc)

REF **EFC-498** ISSUED 06 Jul 2026

SPECIFICATIONS

Size	NPS4 to NPS20
Pressure	Class 150 / PN20 to Class 2500 / PN420
Temperature	-29°C to 540°C
Media	High-temperature and high-pressure working media, Toxic and harmful risk liquids, General pipeline fluids

ACTUATION

- handwheel — Manual operation via handwheel applying torque to valve stem

STANDARDS

Design	BS 1873, API 623, ASME B16.34
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APPLICATIONS

- Power industry
- Petroleum refining
- Petrochemical industry
- Marine oil
- Tap water engineering in urban construction
- Chemical industry
- High-pressure or large-diameter pipelines
- Pipelines requiring long-term sealing and leakage prevention



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

MATERIALS

Body **Carbon Steel, Stainless Steel, Alloy Steel**

FEATURES

- Double disc design balances pressure between inlet and outlet, reducing opening torque
- Medium enters from the top of the disc cover, with medium force acting in the same direction as valve closure, reducing closing torque
- Disc does not contact seat surface during opening or closing travel, reducing seating surface wear
- Short travel height
- Sensitive actuation with good sealing performance
- Quick opening and closing with low operating torque
- Compact overall structure

OPTIONS & NOTES

- Technical specification available for download (content not provided on page)