

GLOBE VALVE

Forged Steel Globe Valve

REF **EFC-516** ISSUED 07 Jul 2026

SPECIFICATIONS

Size	NPS 1 to NPS 16
Pressure	Class 150 / PN16 to Class 2500 / PN420
End connection	flanged (ASME B16.5 / BS 1560 / GB/T 9113 / GB/T 9124) / threaded / butt weld (ASME B16.25 / GB/T 12224)
Face-to-face	BS 2080, ASME B16.10, GB/T 12221
Temperature	-29°C to 538°C

ACTUATION

- Manual
- Electric
- Pneumatic

STANDARDS

Design	BS 1873, API 623, GB/T 12235
Test	API 598, JB/T 9092

APPLICATIONS

- Power industry
- Petroleum refining
- Petrochemicals
- Offshore oil
- Urban water engineering
- Chemical industry



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

MATERIALS

Body **Carbon steel, Stainless steel, Alloy steel**

FEATURES

- Forged steel body providing superior strength, high-pressure resistance, and impact tolerance
- Integrates throttling regulation and positive shut-off in a single valve
- Compact structure reduces installation footprint and system weight
- Optional metal hard seal or soft seal for zero leakage
- Pressure rating range PN16-PN420 / Class 150-Class 2500
- Optimised flow path design to minimise pressure drop
- Precision machining combined with wear-resistant materials
- Available in straight-through (T-type) and direct-flow (Y-type) configurations
- Multiple connection options: flanged, threaded, butt weld

OPTIONS & NOTES

- Diameter of forged steel globe valves is generally not more than DN80; most are reduced-bore designs
- Medium flow direction restrictions apply, as with other globe valves
- Other connection types available on request