

GLOBE VALVE

Insulated Globe Valve

REF **EFC-497** ISSUED 07 Jul 2026

SPECIFICATIONS

Size	DN15 to DN600
Pressure	PN16 / Class 150 to PN160 / Class 900
End connection	flanged (ASME B16.5) / flanged (GB/T 9113) / butt weld (ASME B16.25) / butt weld (GB/T 12224)
Face-to-face	ASME B16.10, JB/T 13458
Temperature	-29°C to 538°C
Media	High-viscosity media that solidify at room temperature, Media prone to crystallisation



ACTUATION

- Manual handwheel
- Pneumatic actuator
- Electric actuator

STANDARDS

Design	BS 1873, API 623, JB/T 13458
Test	API 598, GB/T 13927

APPLICATIONS

- Petroleum refining
- Petrochemicals
- Offshore oil
- Urban water engineering
- Chemical industry
- Fertiliser industry
- Metallurgy
- Pharmaceutical

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

MATERIALS

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

FEATURES

- Insulation jacket welded between the two body flanges
- Two connection ports for the jacket medium located on the side and bottom of the valve
- Steam or heating medium in the jacket prevents crystallisation of process medium
- Simple structure with relatively straightforward manufacture and maintenance
- Short stroke; reduced opening and closing time
- Low friction between sealing surfaces; extended service life

OPTIONS & NOTES

- Also available in NPS1/2 to NPS24 sizing designation