

GLOBE VALVE

Cast Steel Globe Valve

REF **EFC-16** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	DN15–DN300
Pressure	150LB–2500LB
End connection	flanged / flanged / butt weld (ASME B16.25)
Face-to-face	ASME B16.10
Temperature	null°C to null°C
Media	Water, Steam, Oil, Nitric acid, Acetic acid, Urea

STANDARDS

Design	API600
Test	API598

APPROVALS & CERTIFICATIONS

- ASME Class 150



MATERIALS

body bonnet	Carbon Steel, Carbon-Molybdenum Steel, Chrome-Molybdenum Steel, Austenitic Stainless Steel	stem	Martensitic Stainless Steel, Alloy Steel, Austenitic Stainless Steel
seat	Martensitic Stainless Steel, Stellite, Same as body, Polymer	gasket	Graphite, Composite, Soft Metal, Austenitic Stainless Steel
packing	Graphite, Composite, Polymer	body	WCB (Cast Carbon Steel)
bonnet	Carbon Steel, Carbon-Molybdenum Steel, Chrome-Molybdenum Steel, Stainless Steel		

FEATURES

- Simple structure, convenient manufacturing and maintenance
- Small working stroke and short opening and closing time
- Stem subject to modulation and surface nitriding treatment for corrosion resistance
- Low friction force between sealing surfaces for extended service life
- Body casting marked '8' indicating DN200 / 8 inch nominal bore
- Pressure class marking '150' visible on body (ASME Class 150)
- Body material marking 'WCB' visible on casting
- Flanged end connections
- Rising stem with handwheel operator
- Bolted bonnet construction
- Gland packing visible at stem