

GLOBE VALVE

Stainless Steel Globe Valve

REF **EFC-29** ISSUED 05 Jun 2026

SPECIFICATIONS

Size	DN50–DN300
Pressure	PN1.6 / 150LB–PN16.0MPa / 900LB
End connection	flanged / flanged / butt weld
Temperature	null°C to 570°C
Media	Water, Steam, Oil, Weak corrosive medium, Nitric acid, Acetic acid, Urea

COATINGS & LINING

- Shot blasting treatment
- Pickling and passivation

APPLICATIONS

- Water treatment
- Petrochemical
- Food and medicine
- Electric energy
- Metallurgy



MATERIALS

body bonnet	Carbon Steel, Low Alloy Steel, Chrome-Moly Steel, Stainless Steel (304), Stainless Steel (316), Stainless Steel (304L), Stainless Steel (316L)	stem	Martensitic Stainless Steel, Alloy Steel, Stainless Steel (304), Stainless Steel (316), Stainless Steel (304L), Stainless Steel (316L)
seat	Martensitic Stainless Steel, Stellite / Alloy Steel, Same as body, Polymer	gasket	Graphite, Composite, Stainless Steel (304), Stainless Steel (316), Stainless Steel (304L), Stainless Steel (316L)
packing	Graphite, Composite, Polymer	disc	Stainless Steel (304L), Stainless Steel (316L), Stainless Steel (304), Stainless Steel (316)
body	Carbon Steel, Low Alloy Steel, Chrome-Moly Steel, Stainless Steel	bonnet	Carbon Steel, Low Alloy Steel, Chrome-Moly Steel, Stainless Steel

FEATURES

- Precision casting valve body with shot blasting treatment; smooth appearance without porosity defects
- Heavy-type valve body construction
- Inverted seal at bonnet-stem contact surface to prevent leakage
- Valve body pickled and passivated to produce uniform surface finish and improve corrosion resistance
- Shell and seal pressure inspection performed on each valve prior to despatch
- Flanged end connections
- Handwheel operated
- Bolted bonnet construction
- Cast body with raised face flanges
- Body markings indicate DN100 (4 inch) size and Class 150 pressure rating