

GLOBE VALVE

# Bellows Sealed Globe Valve

REF **EFC-13** ISSUED 05 Jun 2026

## SPECIFICATIONS

Size	<b>DN15–DN400</b>
Pressure	<b>PN16–PN64</b>
End connection	<b>flanged (DIN2543-2545)</b>
Face-to-face	<b>DIN3202</b>
Temperature	<b>-29°C to 425°C</b>
Media	<b>Water, Oil, Gas</b>

## STANDARDS

Test	<b>DIN3230</b>
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## APPLICATIONS

- Municipal construction
- Power
- Medicine
- Petroleum industry



**MATERIALS**

body	<b>Carbon Steel, Stainless Steel</b>	bonnet	<b>Carbon Steel, Stainless Steel</b>
stem	<b>Stainless Steel</b>	disc	<b>Stainless Steel</b>
seat	<b>Stainless Steel</b>	packing	<b>Graphite, Polymer</b>
stem nut	<b>Steel</b>		

**FEATURES**

- Simple structure
- Stem nut surface nitriding to improve surface hardness
- Medium flange bolts made of high-strength alloy steel with resistance to high temperatures
- Double sealing of packing and bellows for zero leakage
- Bellows located in inner cavity of valve bonnet to avoid direct media contact, extending bellows service life
- Bellows uses 2–4 layer overlap construction to prevent leakage from single-layer bellows damage and extend service life
- DN100 nominal bore visible cast on body
- PN16 pressure rating cast on body
- Material designation GS-C25 cast on body (carbon steel casting grade)
- Flanged end connections
- Handwheel operated
- Rising stem with external thread visible
- Bolted bonnet construction