



Flanged Cast Iron Globe Valve

This globe valve conforms to MSS SP-85 standards. Its flanges are drilled to ANSI B 16.1 (125lb) and face-to-face dimensions conform to ANSI B 16.10 (125lb).

Cast Iron Globe Valve Flanged Ends Page 01

Materials List:

| Part No. | Part Name | Material | Quantity |
|----------|----------------|-------------|----------|
| 1 | Body | Cast Iron | 1 |
| 2 | Bonnet | Cast Iron | 1 |
| 3 | Handwheel | Cast Iron | 1 |
| 4 | Seat Ring | Cast Bronze | 1 |
| 5 | Disc | Cast Bronze | 1 |
| 6 | Stem | Brass | 1 |
| 7 | Packing/Gasket | Graphite | 1 |

Dimension(mm):

| DN | L | O | FL | W | A | B | H |
|-----|--------|--------|--------|------|------|------|------|
| 25 | 152.5 | 151 | 151 | 15.5 | 4.0 | 126 | 201 |
| 35 | 225.0 | 220 | 180 | 17.5 | 4.0 | 176 | 290 |
| 50 | 344.5 | 330 | 252.5 | 19 | 4.0 | 250 | 348 |
| 75 | 522.0 | 520.5 | 393.5 | 22.5 | 6.0 | 354 | 502 |
| 100 | 700.0 | 704 | 523.0 | 25.5 | 8.0 | 452 | 620 |
| 150 | 1016.0 | 1016.0 | 743.0 | 31.5 | 10.0 | 650 | 870 |
| 200 | 1491.0 | 1491.0 | 1066.5 | 38.0 | 12.0 | 900 | 1200 |
| 250 | 2032.0 | 2032.0 | 1461.5 | 45.0 | 14.0 | 1200 | 1650 |
| 300 | 2666.5 | 2666.5 | 1930.0 | 53.0 | 16.0 | 1550 | 2100 |

Description:

- Cast Iron Body
- Cast Iron Bonnet
- Cast Iron Handwheel
- Cast Bronze Seat Ring
- Cast Bronze Disc
- Brass Stem
- Graphite Packing/Gasket

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Product Overview

Industrial Globe Valve Performance

This flanged cast iron globe valve is engineered for reliable flow control in industrial fluid systems. Designed to conform to MSS SP-85 standards, it offers robust performance with ANSI B 16.1 (125lb) flanged connections and standard face-to-face dimensions per ANSI B 16.10. It is a versatile solution suitable for water, oil, and gas applications, ensuring durability through high-quality cast iron and bronze construction.

Technical Standards

Working Pressure

| | |
|-----------------------------|---|
| 125 psi Steam (S) | 200 psi Water, Oil, Gas (WOG) |
|-----------------------------|---|

Suitable Media

Water • Oil • Gas

Standards Compliance

MSS SP-85, ANSI B 16.1 (125lb), ANSI B 16.10 (125lb)

Materials of Construction

Material Composition

| Component | Material |
|----------------|-------------|
| Body | Cast Iron |
| Bonnet | Cast Iron |
| Handwheel | Cast Iron |
| Seat ring | Cast Bronze |
| Disc | Cast Bronze |
| Stem | Brass |
| Packing/Gasket | Graphite |

Dimensions

Size Specifications (mm)

| DN | L | D | H |
|-----|-------|-------|-----|
| 50 | 203.2 | 152 | 259 |
| 65 | 215.9 | 178 | 300 |
| 80 | 241.3 | 190 | 318 |
| 100 | 292.1 | 228.6 | 402 |
| 125 | 330.2 | 254 | 419 |
| 150 | 355.6 | 279.4 | 479 |
| 200 | 495.3 | 343 | 537 |
| 250 | 622.3 | 406 | 640 |
| 300 | 698.5 | 483 | 733 |