



PRODUCT RANGE

| | |
|-----------------------|---|
| Size | 15 mm - 300 mm |
| Material | Cast Steel - ASTM A216 Gr. WCB SS304 - ASTM A351 Gr. CF8 SS316 - ASTM A351 Gr. CF8M |
| End Connection | Flange End ASA 150# / 300# |

APPLICABLE STANDARDS

| | |
|-------------------------------|----------------|
| Design & Mfg. | BS 1873 |
| Face to Face | ASME B16.10 |
| Flange End | ASME B16.5, RF |
| Pressure / Temp Rating | ASME B16.34 |
| Testing Standard | API 598 |

DESIGN FEATURES

- Straight Pattern Body
- 'OS' & 'Y' Type Construction
- Bolted Bonnet
- Yoke Integral with Bonnet
- Renewable Seat Rings
- Hardface CA 15 / Stellite Seat
- Rising Stem & Handwheel
- Horizontal Service

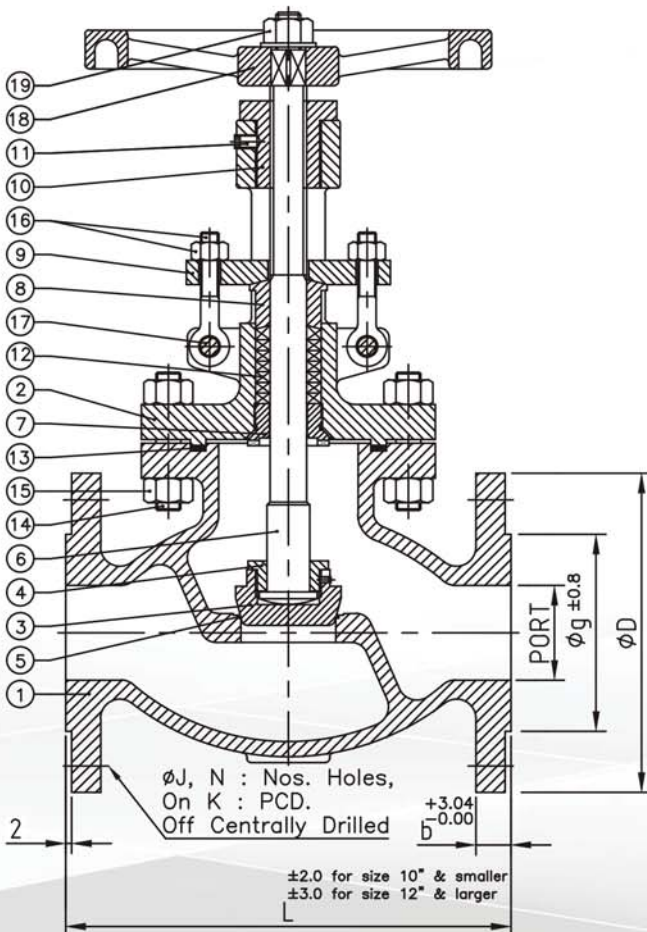
AVAILABLE MODIFICATIONS

- Full Jacketed Globe Valve
- Trim Changes
- Extended Stem Globe Valve
- SS304L / SS316L MOC
- Electric / Pneumatic Actuator

TEST PRESSURE

| Rating | Body | Seat | Pneumatic |
|--------|------------------------|------------------------|-----------------------|
| 150# | 32 kg./cm ² | 23 kg./cm ² | 7 kg./cm ² |
| 300# | 79 kg./cm ² | 58 kg./cm ² | 7 kg./cm ² |

| P. NO. | PART NAME | MATERIAL | | |
|--------|------------------------|------------------------------------|--------------|---------------|
| | | CAST STEEL | SS304 | SS316 |
| 1 | Body | A216 Gr. WCB | A351 Gr. CF8 | A351 Gr. CF8M |
| 2 | Bonnet | A216 Gr. WCB | A351 Gr. CF8 | A351 Gr. CF8M |
| 3 | Disc | CA15/ WCB +13% Cr | A351 Gr. CF8 | A351 Gr. CF8M |
| 4 | Disc Nut | AISI 410 | SS 304 | SS 316 |
| 5 | Seat Ring | CA15/ WCB +13% Cr | SS 304 | SS 316 |
| 6 | Stem | AISI 410 | SS 304 | SS 316 |
| 7 | Back Seat Bush | AISI 410 | SS 304 | SS 316 |
| 8 | Gland Bush | AISI 410 | SS 304 | SS 316 |
| 9 | Gland Flange | CS | CS | CS |
| 10 | Yoke Bush | SG Iron | SG Iron | SG Iron |
| 11 | Grub Screw | CS | CS | CS |
| 12 | Stem Packing | Graphoil Ring | | |
| 13 | Bonnet Gasket | Spiral Wound SS304+Graphoil Filler | | |
| 14 | Bonnet Studs | A193 Gr. B7 | A193 Gr. B8 | A193 Gr. B8M |
| 15 | Bonnet Nuts | A194 Gr. 2H | A194 Gr. 8 | A194 Gr. 8M |
| 16 | Gland Eye Bolts & Nuts | CS | CS | CS |
| 17 | Gland Lug Bolts & Nuts | CS | CS | CS |
| 18 | Handwheel | CAST IRON / DI / MI / CS | | |
| 19 | Handwheel Nut | CS | CS | CS |



| GLOBE VALVE FLANGE END ASA 150# | | | | | | | | |
|---------------------------------|------|-----|-----|------|-------|------|----|-------|
| SIZE | PORT | L | ØD | b | øg | ØJ | N | K:PCD |
| 15 | 13 | 108 | 90 | 8.0 | 35.1 | 16.0 | 4 | 60.3 |
| 20 | 19 | 117 | 100 | 8.9 | 43.0 | 16.0 | 4 | 69.9 |
| 25 | 25 | 127 | 110 | 9.6 | 50.8 | 16.0 | 4 | 79.4 |
| 40 | 38 | 165 | 125 | 14.7 | 73.0 | 15.9 | 4 | 98.0 |
| 50 | 51 | 203 | 150 | 16.3 | 92.1 | 19.1 | 4 | 120.7 |
| 65 | 64 | 216 | 180 | 17.9 | 104.8 | 19.1 | 4 | 139.7 |
| 80 | 76 | 241 | 190 | 19.5 | 127.0 | 19.1 | 4 | 152.4 |
| 100 | 102 | 292 | 230 | 24.3 | 157.2 | 19.1 | 8 | 190.5 |
| 125 | 127 | 356 | 255 | 24.3 | 185.7 | 22.2 | 8 | 215.9 |
| 150 | 152 | 406 | 280 | 25.9 | 215.9 | 22.2 | 8 | 241.3 |
| 200 | 203 | 495 | 345 | 29.0 | 269.9 | 22.2 | 8 | 298.5 |
| 250 | 254 | 622 | 405 | 30.6 | 323.8 | 25.4 | 12 | 362.0 |
| 300 | 305 | 698 | 485 | 32.2 | 381.0 | 25.4 | 12 | 431.8 |