

GLOBE VALVE - STRAIGHT BOLTED BONNET - DIN LENGTH SDNR TYPE CAST STEEL - SS TRIM

APPLICATION

Steam, cold and hot water, oil and gases.

MATERIAL SPECIFICATION

| | | | |
|---|---------------|----------|-------------------|
| 1 | Body | GSC25 | Cast Steel |
| 2 | Bonnet | GSC25 | Cast Steel |
| 3 | Seats | AISI304 | Stainless Steel |
| 4 | Disc (<65) | AISI420 | Stainless Steel |
| 4 | Disc (≥80) | GGG40.3 | Nodular Cast iron |
| 5 | Stem | AISI420 | Stainless Steel |
| 6 | Bolts, nuts | Steel | Steel |
| 7 | Bonnet gasket | Graphite | - |
| 8 | Gland packing | Graphite | - |

TECHNICAL FEATURES

| | |
|-------------------|--|
| Standard | DIN 86252 SDNR Type (DIN 3356) |
| Face to Face | EN 558 Series 1 (DIN 3202 F1) |
| Flange dimension | DIN Flanges acc. to EN 1092-2/B (DIN 2501) |
| Flange connection | PN16 |

PRESSURE & TEMPERATURE RANGES

| BORE | PRESS. RATING | Working press.[bar] | | Hydro test press.[bar] | |
|----------|---------------|---------------------|-------|------------------------|---------|
| | | 120°C | 180°C | CASING | CLOSURE |
| DN15~200 | PN16 | 16 | 10 | 24 | 17.6 |

DIMENSIONS

| DN (mm) | Flange con. | ØD (mm) | L (mm) | H (mm) | ØR (mm) | PCD (mm) | N°holes (Ømm) | Weight (kg) |
|---------|-------------|---------|--------|--------|---------|----------|---------------|-------------|
| 15 | PN16 | 95 | 130 | 165 | 120 | 65 | 4x14 | 3.8 |
| 20 | PN16 | 105 | 150 | 165 | 120 | 75 | 4x14 | 4 |
| 25 | PN16 | 115 | 160 | 175 | 140 | 85 | 4x14 | 5 |
| 32 | PN16 | 140 | 180 | 180 | 140 | 100 | 4x18 | 7 |
| 40 | PN16 | 150 | 200 | 220 | 160 | 110 | 4x18 | 11 |
| 50 | PN16 | 165 | 230 | 230 | 160 | 125 | 4x18 | 13 |
| 65 | PN16 | 185 | 290 | 245 | 180 | 145 | 4x18 | 18 |
| 80 | PN16 | 200 | 310 | 295 | 200 | 160 | 8x18 | 25 |
| 100 | PN16 | 220 | 350 | 330 | 225 | 180 | 8x18 | 35 |
| 125 | PN16 | 250 | 400 | 365 | 250 | 210 | 8x18 | 55 |
| 150 | PN16 | 285 | 480 | 420 | 300 | 240 | 8x22 | 75 |
| 175 | PN16 | 315 | 550 | 500 | 400 | 270 | 8x22 | 115 |
| 200 | PN16 | 340 | 600 | 510 | 400 | 295 | 12x22 | 135 |

