



1128

Globe valve
Bellow sealed
Straight seat type
PN 10-40 DN 15-100

Design
 Acc. to DIN 3356

Top part
 Outside screw
 Rising Handwheel
 Rising stem

Stem sealing
 Bellow with additional stuffing box

Obturator
 Disk

Body seat
 Integral seat

Valve ends
 Flanges acc. to EN 1092-1 (DIN 2501 Part 1)

Requirements and tests
 Acc. to DIN 3356 Part 1
 BA = 1,3 x PN

Marking
 Nominal size DN
 Nominal pressure PN
 Body material
 Manufacturer brand
 Flow direction arrow

| Pos. | Denomination | Material | Pos. | Denomination | Material |
|------|---------------|----------|------|--------------|-------------------|
| 1 | Body | 1.4408 | 8 | Packing | Graphite |
| 2 | Yoke | 1.4408 | 9 | Gasket | Graphite / 1.4401 |
| 3 | Handwheel | GTS/GTW | 10 | Stud bolts | A4-70 |
| 5.1 | Stem | 1.4571 | 11 | Hex. nut | A4 |
| 5.2 | Bellow | 1.4571 | 16 | Hasp screw | 1.4571 |
| 5.3 | Interim plate | 1.4571 | 17 | Hex. nut | A4 |
| 5.4 | Disk | 1.4571 | 18 | Washer | 1.4571 |
| 6 | Sleeve | 1.4021 | | | |
| 7 | Gland | 1.4571 | | | |

Face-to-face dimension acc. to EN 558 series 1 (DIN 3202-F1)

| DN | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 |
|-----------------|-----|-----|-----------|-----|-----|-----|-----------|-----|-----|
| L | 130 | 150 | 160 | 180 | 200 | 230 | 290 | 310 | 350 |
| H | 175 | 225 | 225 | 230 | 270 | 285 | 340 | 370 | 410 |
| H1 | 185 | 240 | 240 | 250 | 300 | 320 | 360 | 395 | 450 |
| $\varnothing d$ | 100 | 120 | 120 | 120 | 140 | 160 | 180 | 180 | 200 |
| PN | b | | | | | | | | |
| 10 | kg | | | | | | use PN 16 | | |
| PN | b | | | | | | 18 | 20 | 20 |
| 16 | kg | | use PN 40 | | | | | | |
| PN | b | | | | | | | | |
| 25 | kg | | | | | | use PN 40 | | |
| PN | b | 16 | 18 | 18 | 18 | 20 | 22 | 24 | 24 |
| 40 | kg | | | | | | | | |
| k_{vs} | 4 | 6,3 | 10 | 16 | 25 | 40 | 63 | 100 | 160 |



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PN 10-40 DN 15-100****Pressure/Temperature ratings in bar g at Temperature in °C**

| Material | PN | 50°C | 100°C | 120°C | 150°C | 200°C | 250°C | 300°C | | | | | |
|--|----|------|-------|-------|-------|-------|-------|-------|--|--|--|--|--|
| »1.4408« GX6CrNiMo18-10-2 EN 10213 | 10 | 10,0 | 8,2 | 8,2 | 7,2 | 6,2 | 5,7 | 5,1 | | | | | |
| | 16 | 16,0 | 13,2 | 13,2 | 11,6 | 10,0 | 9,1 | 8,2 | | | | | |
| | 25 | 25,0 | 20,7 | 20,7 | 18,1 | 15,7 | 14,2 | 12,8 | | | | | |
| | 40 | 40,0 | 33,1 | 33,1 | 29,0 | 25,1 | 22,8 | 20,5 | | | | | |

Modifications

Heating jacket

Installation

Piping is to be in such a manner that injurious thrust and bending forces are kept away from the valve casings. Globe valves are usually installed thus allowing the liquid to enter below the plug and to leave above it. When turning the handwheel it is not allowed to use additional levers.