VALVOTUBI IND.
DIRECT FLOW

Globe valves

# Cast steel bellow sealed globe valves flanged PN 40



Art. 740

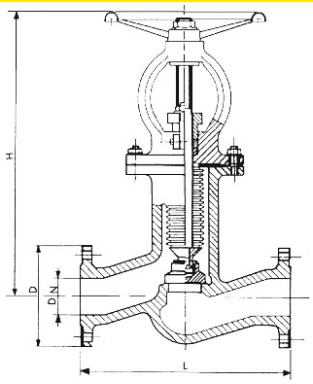
Flanges: UNI EN 1092-2 PN 40
Design: EN 1074
Face to face length: EN 558-1 serie 1
Installation: horizontal with the flow following the direction of the arrow.
APPLICATIONS • Diatermic oils • Steam • Overheated water • Oil & refineries • Industry

The cast steel globe valves with bellows do not need any maintenance. The bellow in stainless steel 304 avoids any contact between the fluid and the stem, for this reason the valves are free from maintenance. The bellow is granted for 8000 movements. The bellow sealed globe valves are suitable for severe services, such as diatermic oils, steam and flammable fluids.

## Materials

| | |
|---|---|
| body | cast steel GS-C 25, GP-240-GH |
| bonnet | cast steel GS-C 25, GP-240-GH |
| handwheel | steel |
| stem | stainless steel X 20 CR 13 |
| bellow | stainless steel 304 |
| body and disc seat facing | stainless steel 304 |
| disc | steel |
| stem packing | graphite |
| bonnet gasket | graphite |
| painting | nitro enamel |

## Dimensions




| DN | L mm. | H mm. | D mm. | Weight kg. |
|---|---|---|---|---|
| 15 | 130 | 270 | 95 | 3.7 |
| 20 | 150 | 270 | 105 | 4.3 |
| 25 | 160 | 285 | 115 | 4.7 |
| 32 | 180 | 290 | 140 | 11 |
| 40 | 200 | 310 | 150 | 12.3 |
| 50 | 230 | 320 | 165 | 18 |
| 65 | 290 | 410 | 185 | 30 |
| 80 | 310 | 425 | 200 | 36 |
| 100 | 350 | 530 | 235 | 51 |
| 125 | 400 | 550 | 270 | 63 |
| 150 | 480 | 590 | 300 | 86 |
| 200 | 600 | 720 | 370 | 175 |
| 250 | 730 | 790 | 450 | 250 |
| 300 | 850 | 830 | 515 | 320 |

## Pressure

| DN | Nominal pressure | Test pressure Mpa | | Max working pressure Mpa | |
|---|---|---|---|---|---|
| mm | BAR | body | seat | 120°C | 400°C |
| 15 - 300 | 40 | 6,0 | 4,4 | 4,0 | 2,1 |

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