



Cast steel regulating globe valves PN 40



Art. 541

Flanges: UNI EN 1092-2 PN 40

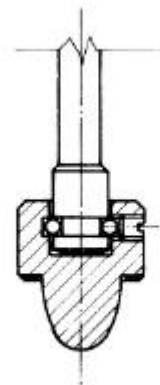
Design: EN 1074

Face to face length: EN 558-1 serie 1

Installation: horizontal / vertical, with the flow following the direction of the arrow. When working pressure exceeds below indicated limits, valves must be installed in opposite direction, with pressure over the shutter, and balance disc type compulsory.

APPLICATIONS • Oil & refineries • Water • Steam • Industry

Cast steel regulating globe valves are suitable for the main purpose of flow regulation, in addition to the traditional on-off purpose. The specific design including parabolic disc and a fine pitch stem favours a very sensitive regulation. For diameters higher than DN 100, the globe valve is equipped with balanced disc, to facilitate the opening; in this case the valve has to be mounted in the opposite direction, with pressure over the shutter. Handwheel operated. Graphite rings are easily replaceable for maintenance. These globe valves can be applied for water, steam, not aggressive fluids, temperature and working pressure according to DIN 2401 part 2.

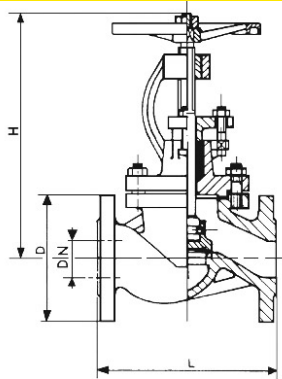


"P" Parabolic

Materials

| | |
|----------------------|------------------------------|
| body | cast steel GS-C25, GP-240-GH |
| bonnet | cast steel GS-C25, GP-240-GH |
| handwheel | cast iron GG25, EN-GJL-250 |
| stem | stainless steel X 20 CR 13 |
| body and disc facing | stainless steel 304 |
| disc | steel A182-F6 |
| stem packing | graphite |
| bonnet gasket | graphite |
| painting | nitro enamel |

Dimensions



| DN | L mm. | H mm. | D mm. | Weight kg. |
|-----|-------|-------|-------|------------|
| 15 | 130 | 198 | 95 | 4 |
| 20 | 150 | 198 | 105 | 5.5 |
| 25 | 160 | 198 | 115 | 7 |
| 32 | 180 | 273 | 140 | 9.5 |
| 40 | 200 | 292 | 150 | 12 |
| 50 | 230 | 295 | 165 | 17.5 |
| 65 | 290 | 345 | 185 | 25 |
| 80 | 310 | 395 | 200 | 33.5 |
| 100 | 350 | 445 | 235 | 48 |
| 125 | 400 | 500 | 270 | 71 |
| 150 | 480 | 575 | 300 | 93.5 |

Pressure

| DN | Nominal pressure | | Test pressure Mpa | | Max working pressure Mpa | |
|----------|------------------|-----|-------------------|------|--------------------------|-------|
| | mm | BAR | body | seat | 120°C | 400°C |
| 15 - 150 | 40 | | 6,0 | 4,4 | 4,0 | 2,1 |

DN mm.

125-150

175-200

250-300

400

Atm.

30-21

18-14

9-6

3



Valvotubi ind. S.r.l. ®
Via M.Monti 30/b
48123 Ravenna, Italy

ph +39 0544 452279
fax +39 0544 451148

info@valvotubi.it
www.valvotubi.it