



APPLICATION

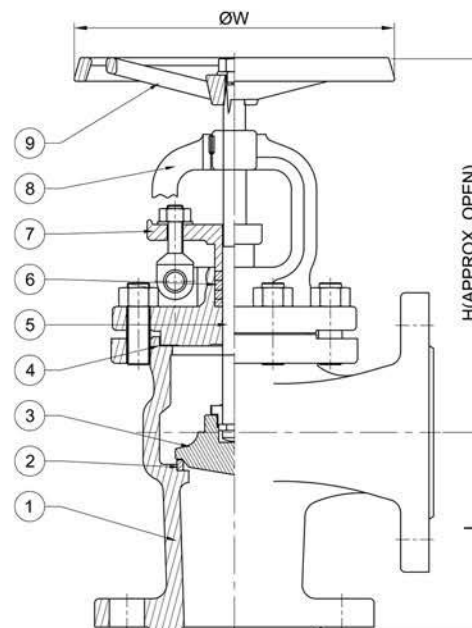
Suitable for water, steam, oil, gases and non-abrasive media
(Refer to corrosion resistance table for valve materials selection).

SPECIFICATION

Face to Face Dimension According to DIN EN 558-1 Series 8
End Connection Flanged End to DIN PN16 and PN40

MATERIALS

| PARTS | FIG. 8A1 | FIG. 8A2 |
|------------------|-------------------------|-------------------------|
| 1. Body | Cast Iron EN-GJL-250 | Cast Steel GP240GH |
| 2. Seat Ring | Stainless Steel X20Cr13 | Stainless Steel X20Cr13 |
| 3. Disc | Stainless Steel X20Cr13 | Stainless Steel X20Cr13 |
| 4. Bonnet Gasket | Graphite - CrNiSt | Graphite - CrNiSt |
| 5. Stem | Stainless Steel X20Cr13 | Stainless Steel X20Cr13 |
| 6. Packing | Graphite | Graphite |
| 7. Gland | Cast Iron EN-GJL-250 | Forged Steel C 22.8 |
| 8. Bonnet | Cast Iron EN-GJL-250 | Cast Steel GP240GH |
| 9. Handwheel | Cast Iron EN-GJL-250 | Cast Steel GP240GH |



GLOBE CHECK VALVE ANGLE PATTERN

CAST IRON / CARBON STEEL



PRESSURE-TEMPERATURE RATINGS ACC. DIN EN 1092-1/2

| Material | Temperature | | | | | | | | | | |
|-------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | -10°C | 20°C | 100°C | 120°C | 150°C | 200°C | 250°C | 300°C | 350°C | 400°C | 450°C |
| PN16 - Cast Iron | 16 Bar | 16 Bar | 16 Bar | 16 Bar | 14 Bar | 13 Bar | 11 Bar | 10 Bar | - | - | - |
| PN40 - Cast Steel | 40 Bar | 40 Bar | 40 Bar | 40 Bar | 37 Bar | 35 Bar | 32 Bar | 28 Bar | 24 Bar | 21 Bar | 18 bar |

DIMENSIONS (mm)

| Size (mm) | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 |
|--------------------|-----|-----|-----|------|------|------|-----|------|------|------|------|-----|-----|-----|
| L | 90 | 95 | 100 | 105 | 115 | 125 | 145 | 155 | 175 | 200 | 225 | 280 | 325 | 375 |
| H - PN16 | 168 | 168 | 181 | 182 | 226 | 228 | 252 | 270 | 326 | 371 | 421 | 505 | 593 | 810 |
| H - PN40 | 175 | 175 | 178 | 249 | 262 | 278 | 306 | 340 | 375 | 422 | 478 | 565 | 637 | 855 |
| ØW - PN16 | 100 | 100 | 120 | 120 | 160 | 160 | 180 | 200 | 250 | 250 | 320 | 360 | 360 | 500 |
| ØW - PN40 | 120 | 120 | 120 | 160 | 160 | 160 | 250 | 250 | 320 | 320 | 320 | 400 | 500 | 520 |
| Weight (Kg) - PN16 | 3.1 | 3.5 | 4.8 | 6.6 | 8.7 | 11.8 | 14 | 20.5 | 32.2 | 46 | 62 | 106 | 184 | 270 |
| Weight (Kg) - PN40 | 4.1 | 4.7 | 4.9 | 10.6 | 13.6 | 16 | 28 | 37 | 48 | 59.2 | 75.5 | 153 | 188 | 327 |

*The specifications are subject to change without further notice

FIG 8A