

BV25064 | PN16 EN 1092-2

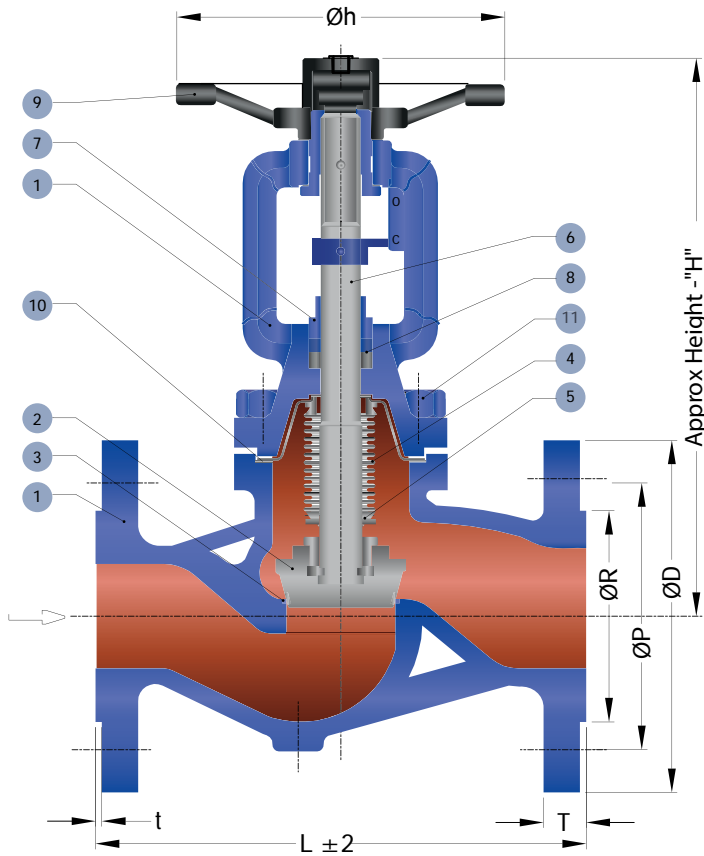
Nodular Cast Iron EN-GJS-400-18-LT

Temperature min. -10°C
Temperature max. +350°C



Testing pressure in bar

| | | |
|-------|------|----|
| Hydro | Body | 24 |
| | Seat | 18 |
| Air | Seat | 07 |



| N° | COMPONENT | MATERIALS |
|----|---------------|---|
| 1 | Body & Bonnet | EN-GJS-400-18-LT Nodular Cast Iron |
| 2 | Plug | St. Steel 1.4021 + Hard Faced 13% Cr |
| 3 | Seat | ASTM - A105 + Hard Faced 13% Cr |
| 4 | Bellow | St. Steel 1.4541 / AISI-321 |
| 5 | Bellow collar | St. Steel 1.4541 |
| 6 | Stem | St. Steel 1.4006 |
| 7 | Gland | St. Steel 1.4021 |
| 8 | Packing | Pure Graphite |
| 9 | Hand Wheel | EN-GJS-400-18-LT Nodular |
| 10 | Bonnet Gasket | Graphite + Stainless steel |
| 11 | Bolt & Nuts | Carbon Steel Gr.10.9 |

ZERO LEAKAGE
DIN: Rate A acc.EN12266-1

Face to face dimensions acc. to EN558-1
Flanges acc. to EN 1092-2 form B

| DN | PN | ØD (outer flange diameter) | ØP (Bolt circle) | ØR | T (FGL,THK) | t | NO.OF HOLE / Ø | L (Face to face) | Øh | STROKE | H (closed) | Weight (kg) |
|-----|----|----------------------------------|---------------------|-----|----------------|---|-------------------|---------------------|-----|--------|---------------|----------------|
| 15 | 16 | 95 | 65 | 46 | 16 | 2 | 4/Ø14 | 130 | 150 | 4 | 215 | 4,08 |
| 20 | 16 | 105 | 75 | 56 | 16 | 2 | 4/Ø14 | 150 | 150 | 5 | 220 | 5,16 |
| 25 | 16 | 115 | 85 | 65 | 17 | 3 | 4/Ø14 | 160 | 150 | 6,5 | 230 | 8,98 |
| 32 | 16 | 140 | 100 | 76 | 18 | 3 | 4/Ø19 | 180 | 150 | 8 | 235 | 7,80 |
| 40 | 16 | 150 | 110 | 84 | 19 | 3 | 4/Ø19 | 200 | 200 | 10 | 255 | 11,20 |
| 50 | 16 | 165 | 125 | 99 | 20 | 3 | 4/Ø19 | 230 | 200 | 13 | 265 | 13,06 |
| 65 | 16 | 185 | 145 | 118 | 20 | 3 | 4/Ø19 | 290 | 250 | 16,5 | 325 | 22,90 |
| 80 | 16 | 200 | 160 | 132 | 22 | 3 | 8/Ø19 | 310 | 250 | 20 | 335 | 27,40 |
| 100 | 16 | 220 | 180 | 156 | 24 | 3 | 8/Ø19 | 350 | 300 | 25 | 385 | 40,30 |
| 125 | 16 | 250 | 210 | 184 | 26 | 3 | 8/Ø19 | 400 | 350 | 32 | 425 | 67,20 |
| 150 | 16 | 285 | 240 | 211 | 26 | 3 | 8/Ø23 | 480 | 400 | 38 | 485 | 89,20 |
| 200 | 16 | 340 | 295 | 266 | 30 | 3 | 12/Ø23 | 600 | 450 | 51 | 615 | 143,50 |
| 250 | 16 | 400 | 355 | 319 | 32 | 3 | 12/Ø28 | 730 | 500 | 64 | 780 | 241,0 |
| 300 | 16 | 455 | 410 | 370 | 24,5 | 4 | 12/Ø28 | 850 | 600 | 76 | 970 | 410,00 |

all dimensions in mm.

WORKING CONDITIONS

| | | | | | | |
|----------------|---------|------|------|------|------|------|
| Temperature °C | -10/120 | 150 | 200 | 250 | 300 | 350 |
| Pressure Bar | 16 | 15,5 | 14,7 | 13,9 | 12,8 | 11,2 |