

# BV25066 PN40 EN 1092-1

## Stainless Steel CF8M (1.4408)

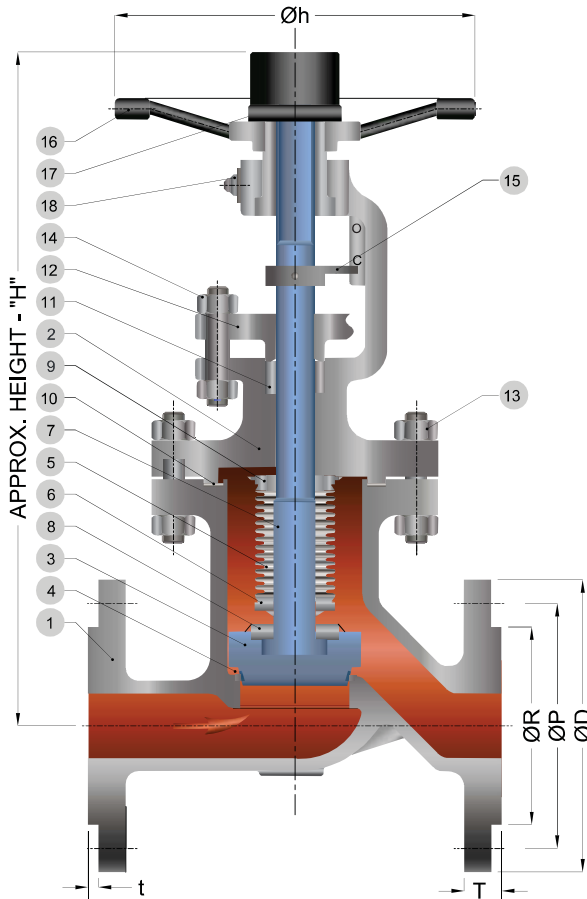
Temperature min. -60°C

Temperature max. +400°C



Testing pressure in bar

|       |      |    |
|-------|------|----|
| Hydro | Body | 60 |
|       | Seat | 44 |
| Air   | Seat | 07 |



| N° | COMPONENT             | MATERIALS                                                 |
|----|-----------------------|-----------------------------------------------------------|
| 1  | Body                  | 1.4408 / ASTM - A 351 Gr.CF8M(1.4408)                     |
| 2  | Bonnet                | 1.4408 / ASTM - A 351 Gr.CF8M(1.4408)                     |
| 3  | Plug                  | 1.4408 / ASTM - A 351 Gr.CF8M<br>+ Stellite Gr.6          |
| 4  | Integral seat         | 1.4408 / ASTM - A 351 Gr.CF8M(1.4408)<br>+ Stellite Gr.21 |
| 5  | Bellow                | 1.4571 / AISI - 316Ti                                     |
| 6  | Bellow collar         | 1.4401 / ASTM - A 276 TYPE 316                            |
| 7  | Stem                  | 1.4401 / ASTM - A 276 TYPE 316                            |
| 8  | Collar ring           | 1.4401 / ASTM - A 276 TYPE 316                            |
| 9  | Top collar            | 1.4401 / ASTM - A 276 TYPE 316                            |
| 10 | Gasket                | SPW - SS 316 + GRAPHITE                                   |
| 11 | Packing               | GRAPHITE                                                  |
| 12 | Gland bush /Flange    | 1.4408 / ASTM - A 351 Gr.CF8M                             |
| 13 | Fastener              | ASTM - A193 Gr.B8M / A194 Gr.8M                           |
| 14 | Gland stud & nut      | ASTM - A193 Gr.B8M / A194 Gr.8M                           |
| 15 | Guide plate/Indicator | 1.4408 / ASTM - A 351 Gr.CF8M                             |
| 16 | Hand wheel            | MILD STEEL / NODULAR CAST IRON                            |
| 17 | Hand wheel Nut/cap    | 1.4401 / AISI - 316                                       |
| 18 | Grease nipple         | 1.4401 / AISI - 316                                       |

ZERO LEAKAGE

DIN: Rate A acc.EN12266-1

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

| DN  | PN | ØD<br>[outer flange<br>diameter] | ØP<br>[Bolt circle] | ØR  | T<br>[FGL.THK] | t | NO.OF HOLE<br>/ Ø | L<br>[Face to face] | Øh  | STROKE | H<br>[closed] | Weight<br>[Kg] |
|-----|----|----------------------------------|---------------------|-----|----------------|---|-------------------|---------------------|-----|--------|---------------|----------------|
| 15  | 40 | 95                               | 65                  | 45  | 16             | 2 | 4/Ø14             | 130                 | 172 | 4      | 260           | 8.5            |
| 20  | 40 | 105                              | 75                  | 58  | 18             | 2 | 4/Ø14             | 150                 | 172 | 5      | 275           | 9.5            |
| 25  | 40 | 115                              | 85                  | 68  | 18             | 2 | 4/Ø14             | 160                 | 172 | 7      | 290           | 11.5           |
| 32  | 40 | 140                              | 100                 | 78  | 18             | 2 | 4/Ø18             | 180                 | 172 | 8      | 297           | 17.0           |
| 40  | 40 | 150                              | 110                 | 88  | 19             | 3 | 4/Ø18             | 200                 | 200 | 10     | 331           | 19.0           |
| 50  | 40 | 165                              | 125                 | 102 | 20             | 3 | 4/Ø18             | 230                 | 200 | 13     | 365           | 21.5           |
| 65  | 40 | 185                              | 145                 | 122 | 22             | 3 | 8/Ø18             | 290                 | 250 | 16     | 435           | 33.5           |
| 80  | 40 | 200                              | 160                 | 138 | 24             | 3 | 8/Ø18             | 310                 | 300 | 19     | 455           | 45.0           |
| 100 | 40 | 235                              | 190                 | 162 | 24             | 3 | 8/Ø22             | 350                 | 300 | 25     | 576           | 61.5           |
| 125 | 40 | 270                              | 220                 | 188 | 26             | 3 | 8/Ø26             | 400                 | 350 | 32     | 640           | 102.0          |
| 150 | 40 | 300                              | 250                 | 218 | 28             | 3 | 8/Ø26             | 480                 | 400 | 38     | 720           | 122.0          |
| 200 | 40 | 375                              | 320                 | 285 | 34             | 3 | 12/Ø30            | 600                 | 450 | 50     | 850           | 222.0          |
| 250 | 40 | 450                              | 385                 | 345 | 38             | 3 | 12/Ø33            | 730                 | 600 | 70     | 1.030         | 362.0          |
| 300 | 40 | 515                              | 450                 | 410 | 42             | 4 | 16/Ø33            | 850                 | 600 | 80     | 1.250         | 533.0          |

### WORKING CONDITIONS

| Temperature °C | -60/-10 | -10/100 | 150  | 200  | 250  | 300  | 350  | 400  |
|----------------|---------|---------|------|------|------|------|------|------|
| Pressure Bar   | 40      | 40      | 36,3 | 33,7 | 31,8 | 29,7 | 28,5 | 27,4 |