

Ratings (ASTM A105)

150 p.s.i. @ 550°F
285 p.s.i. @ 100°F

Test pressure (ASTM A105)

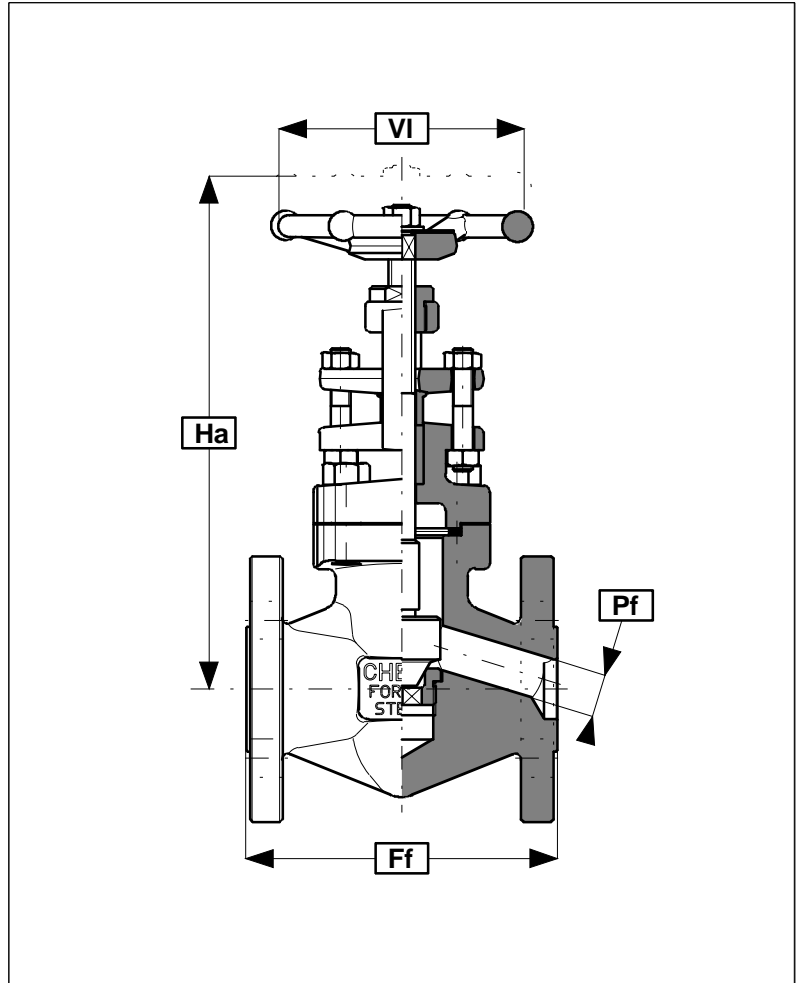
Hydraulic: (minimum)
Body - 450 p.s.i.
Seat - 325 p.s.i.
Air under water:
Seat - 85 p.s.i.

Standards

Construction BS 5352
Flanged ASME B16.5, ASME B16.10
Test BS 6755 (Pt.1)

Connections (xx)

RF Raised face (std.)
FF Flat finish


REDUCED BORE

| | | 1/2" | | 3/4" | | 1" | | 1.1/2" | | 2" | |
|--------------------|--|-----------|------|-----------|------|-----------|------|-------------------|-------|-------------------|-------|
| Ff (mm/in) | | 107,9 | 4,25 | 117,5 | 4,63 | 127,0 | 5,00 | 165,1 | 6,50 | 203,2 | 8,00 |
| Ha (mm/in) | | 186 | 7,32 | 189 | 7,44 | 203 | 7,99 | 283 | 11,14 | 314 | 12,36 |
| VI (mm/in) | | 90 | 3,54 | 90 | 3,54 | 100 | 3,94 | 140 | 5,51 | 140 | 5,51 |
| Pf (mm/in) | | 9 | 0,35 | 12,5 | 0,49 | 17,5 | 0,69 | 28 ⁽⁴⁾ | 1,10 | 32 ⁽⁵⁾ | 1,26 |
| Wt. (kg/lb) | | 3,1 | 6,8 | 4 | 8,8 | 5,7 | 12,5 | 10,6 | 23,3 | 15,4 | 33,9 |
| Catal. no. | | R352/15xx | | R353/15xx | | R354/15xx | | R356/15xx | | R357/15xx | |

FULL BORE

| | | 1/2" | | 3/4" | | 1" | | 1.1/2" | | 2" | |
|--------------------|--|-----------|------|-----------|------|-----------|------|-----------|-------|-----------|-------|
| Ff (mm/in) | | 107,9 | 4,25 | 117,5 | 4,63 | 127,0 | 5,00 | 165,1 | 6,50 | 203,2 | 8,00 |
| Ha (mm/in) | | 188 | 7,40 | 192 | 7,56 | 207 | 8,15 | 283 | 11,14 | 314 | 12,36 |
| VI (mm/in) | | 90 | 3,54 | 100 | 3,94 | 120 | 4,72 | 140 | 5,51 | 200 | 7,87 |
| Pf (mm/in) | | 12,5 | 0,49 | 17,5 | 0,69 | 22,5 | 0,89 | 32 | 1,26 | 38 | 1,57 |
| Wt. (kg/lb) | | 3 | 6,6 | 3,9 | 8,6 | 5,6 | 12,3 | 10,6 | 23,3 | 15,8 | 34,8 |
| Catal. no. | | F312/15xx | | F313/15xx | | F314/15xx | | F316/15xx | | F317/15xx | |

1) Standard and alternative valve materials on page 67, type A
2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72
3) Flanges & face-to-face dimensions on page 74,75

4) Pf = 29,5 with integral stellited seat
5) Pf = 35 with integral stellited seat