


Ratings (ASTM A105)

600 p.s.i. @ 850°F
1480 p.s.i. @ 100°F

Test pressure (ASTM A105)

Hydraulic: (minimum)
Body - 2225 p.s.i.
Seat - 1650 p.s.i.
Air under water:
not applicable

Standards

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

Connections (xx)

| | |
|------------------------------|------------------------|
| RF Raised face (std.) | LF Large female |
| RJ Ring joint | LG Large groove |
| SF Small female | LM Large male |
| SG Small groove | LT Large tongue |
| SM Small male | |
| ST Small tongue | |

| REDUCED BORE | | | | | | | | | | | |
|---------------------------------|--|------------|------|------------|------|------------|------|-------------------|------|-------------------|-------|
| | | 1/2" | | 3/4" | | 1" | | 1.1/2" | | 2" | |
| Ff (mm/in) | | 165,1 | 6,50 | 190,5 | 7,50 | 215,9 | 8,50 | 241,3 | 9,50 | 292,1 | 11,50 |
| Ha (mm/in) | | 50 | 1,97 | 56 | 2,20 | 74 | 2,91 | 100 | 3,94 | 109 | 4,29 |
| Pf⁽⁶⁾ (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 | 5 | 11,0 | 7,3 | 16,1 | 12 | 26,4 | 16,6 | 36,5 |
| Catal. no. | | Rtt52/60xx | | Rtt53/60xx | | Rtt54/60xx | | Rtt56/60xx | | Rtt57/60xx | |

| FULL BORE | | | | | | | | | | | |
|---------------------------------|--|------------|------|------------|------|------------|------|------------|------|------------|-------|
| | | 1/2" | | 3/4" | | 1" | | 1.1/2" | | 2" | |
| Ff (mm/in) | | 165,1 | 6,50 | 190,5 | 7,50 | 215,9 | 8,50 | 241,3 | 9,50 | 292,1 | 11,50 |
| Ha (mm/in) | | 50 | 1,97 | 56 | 2,20 | 92 | 3,62 | 110 | 4,33 | 140 | 5,51 |
| Pf⁽⁶⁾ (mm/in) | | 12,5 | 0,49 | 17,5 | 0,69 | 22,5 | 0,89 | 35 | 1,38 | 45 | 1,77 |
| Wt. (kg/lb) | | 3,1 | 6,8 | 5 | 11,0 | 7,3 | 16,1 | 12 | 26,4 | 16,6 | 36,5 |
| Catal. no. | | Ftt52/60xx | | Ftt53/60xx | | Ftt54/60xx | | Ftt56/60xx | | Ftt57/60xx | |

1) Standard and alternative valve materials on page 67, type B
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
6) Dimensions for piston & ball type; for swing see page 4

7) Code tt is replaced by kind of check valve (drawing above)