

Ratings (ASTM A105)

800 p.s.i. @ 850°F
1975 p.s.i. @ 100°F

Test pressure (ASTM A105)

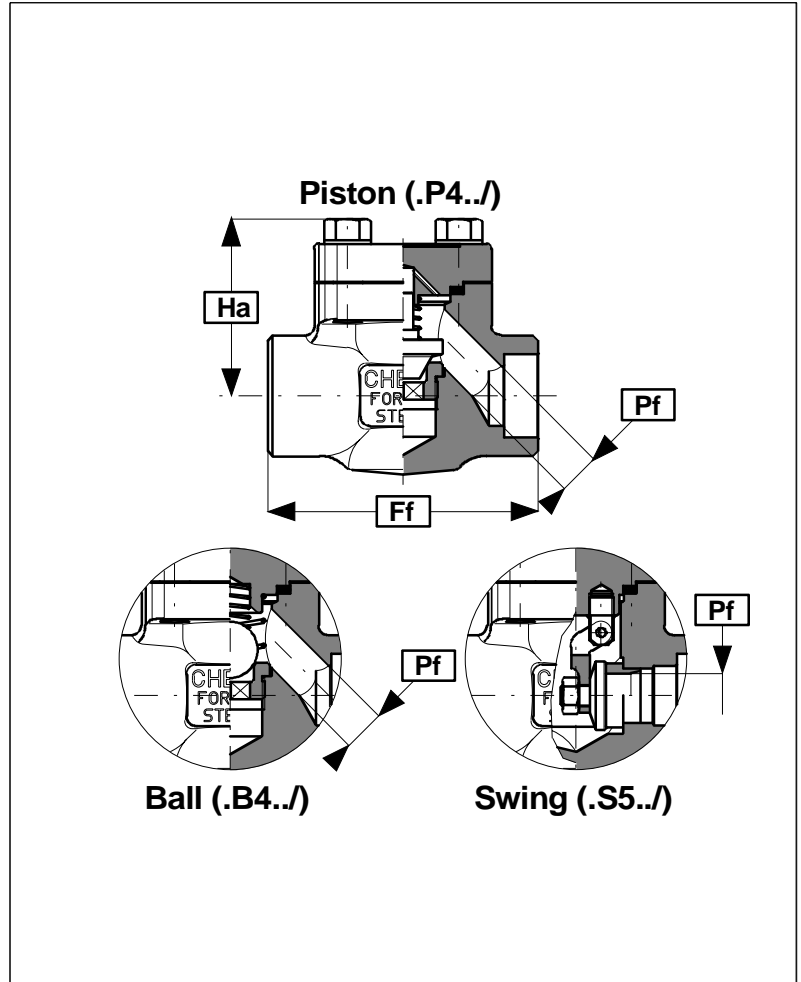
Hydraulic: (minimum)
Body - 3000 p.s.i.
Seat - 2175 p.s.i.
Air under water:
not applicable

Standards

Construction BS 5352
Socket weld ASME B16.11
Threaded ASME B1.20.1
Butt weld ASME B16.25
Test BS 6755 (Pt.1)

Connections (xx)

SW Socket weld	B8 Butt weld 80
TH Threaded NPT	
TS Sw/NPT	
SE Sw (in)/NPT	
SU Sw (out)/NPT	
B4 Butt weld 40	


REDUCED BORE

	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Ff (mm/in)	80 3,15	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69
Ha (mm/in)	50 1,97	56 2,20	74 2,91	79 3,11	100 3,94	109 4,29
Pf⁽⁷⁾ (mm/in)	9 0,35	12,5 0,49	17,5 0,69	22,5 0,89	28 ⁽⁴⁾ 1,10	32 ⁽⁵⁾ 1,26
Wt. (kg/lb)	1,1 2,4	1,8 4,0	2,6 5,7	3,6 7,9	5,5 12,1	8,4 18,5
Catal. no.	Rtt52/xx	Rtt53/xx	Rtt54/xx	Rtt55/xx	Rtt56/xx	Rtt57/xx

FULL BORE

	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Ff (mm/in)	80 3,15	80 3,15	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69	210 8,27
Ha (mm/in)	50 1,97	50 1,97	56 2,20	74 2,91	79 3,11	100 3,94	109 4,29	135 5,31
Pf⁽⁷⁾ (mm/in)	6,5 0,26	9 0,35	12,5 0,49	17,5 0,69	22,5 0,89	28 ⁽⁴⁾ 1,10	32 ⁽⁵⁾ 1,26	38 ⁽⁶⁾ 1,50
Wt. (kg/lb)	1,1 2,4	1,1 2,4	1,8 4,0	2,6 5,7	3,6 7,9	5,5 12,1	8,4 18,5	11,8 26,0
Catal. no.	Ftt10/xx	Ftt11/xx	Ftt12/xx	Ftt13/xx	Ftt14/xx	Ftt15/xx	Ftt16/xx	Ftt17/xx

1) Standard and alternative valve materials on page 67, type B
2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71, 72
3) SW, NPT & BW dimensions on page 73

4) Pf = 29,5 with integral stellite seat
5) Pf = 35 with integral stellite seat
6) Pf = 42 with integral stellite seat

7) Dimensions for piston & ball type; for swing see pag.4
8) Code It is replaced by kind of check valve (drawing above)