

### Ratings (ASTM A105)

300 p.s.i. @ 850°F  
740 p.s.i. @ 100°F

### Test pressure (ASTM A105)

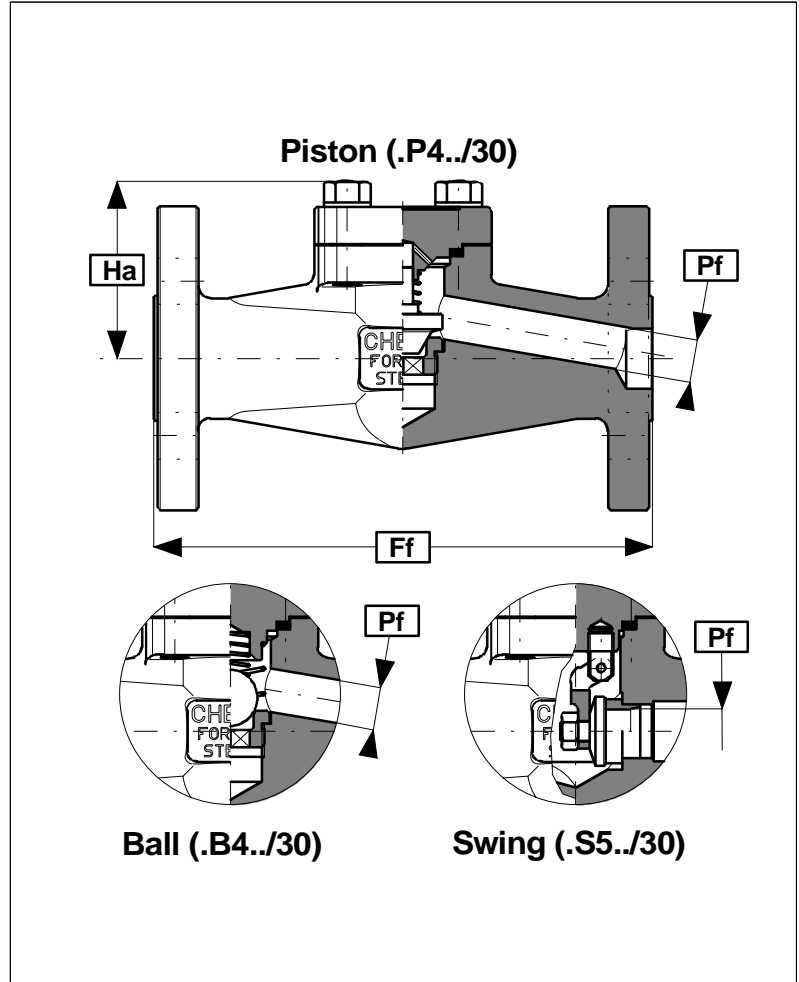
**Hydraulic:** (minimum)  
Body - 1125 p.s.i.  
Seat - 825 p.s.i.  
**Air under water:**  
not applicable

### Standards

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

### Connections (xx)

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



REDUCED BORE											
		1/2"		3/4"		1"		1.1/2"		2"	
<b>Ff (mm/in)</b>		152,4	6,00	177,8	7,00	203,2 <sup>(6)</sup>	8,00	228,6 <sup>(6)</sup>	9,00	266,7	10,50
<b>Ha (mm/in)</b>		50	1,97	56	2,20	74	2,91	100	3,94	109	4,29
<b>Pf<sup>(7)</sup>(mm/in)</b>		9	0,35	12,5	0,49	17,5	0,69	28 <sup>(4)</sup>	1,10	32 <sup>(5)</sup>	1,26
<b>Wt. (kg/lb)</b>		2,5	5,5	4,2	9,2	5,7	12,5	11,2	24,6	14,4	31,7
<b>Catal. no.</b>		Rtt52/30xx		Rtt53/30xx		Rtt54/30xx		Rtt56/30xx		Rtt57/30xx	

FULL BORE											
		1/2"		3/4"		1"		1.1/2"		2"	
<b>Ff (mm/in)</b>		152,4	6,00	177,8	7,00	203,2 <sup>(6)</sup>	8,00	228,6 <sup>(6)</sup>	9,00	266,7	10,50
<b>Ha (mm/in)</b>		50	1,97	56	2,20	92	3,62	110	4,33	140	5,51
<b>Pf<sup>(7)</sup>(mm/in)</b>		12,5	0,49	17,5	0,69	22,5	0,89	35	1,38	45	1,77
<b>Wt. (kg/lb)</b>		2,5	5,5	4,2	9,2	5,7	12,5	11,2	24,6	14,4	31,7
<b>Catal. no.</b>		Ftt52/30xx		Ftt53/30xx		Ftt54/30xx		Ftt56/30xx		Ftt57/30xx	

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) Swing 1"=215,9 (8,50) - Swing 1.1/2" = 241,3 (9,50)

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