


**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:**  
 Seat - 85 p.s.i.

**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	5,98	177,8	7,00	203,2	8,00	228,6	9,00	266,7	10,50
<b>Ha (mm/in)</b>		152	5,98	159	6,26	182	7,17	283	11,14	306	12,05
<b>VI (mm/in)</b>		90	3,54	90	3,54	100	3,94	140	5,51	140	5,51
<b>Pf (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>		3,4	7,5	4,8	10,6	7,0	15,4	14,2	31,2	17,4	38,3
<b>Catal. no.</b>		R352/30xx		R353/30xx		R354/30xx		R356/30xx		R357/30xx	

FULL BORE											
		1/2"		3/4"		1"		1.1/2"		2"	
<b>Ff (mm/in)</b>		152,4	5,98	177,8	7,00	203,2	8,00	228,6	9,00	266,7	10,50
<b>Ha (mm/in)</b>		152	5,98	159	6,26	182	7,17	283	11,14	306	12,05
<b>VI (mm/in)</b>		90	3,54	100	3,94	120	4,72	140	5,51	200	7,87
<b>Pf (mm/in)</b>		13	0,51	17,5	0,69	22,5	0,89	34	1,34	45	1,77
<b>Wt. (kg/lb)</b>		3,4	7,5	4,8	10,6	7,0	15,4	14,2	31,2	17,4	38,3
<b>Catal. no.</b>		F312/30xx		F313/30xx		F314/30xx		F316/30xx		F317/30xx	

 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