



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

### Standards

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

### Connections (xx)

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

### REDUCED BORE

		1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
<b>Ff (mm/in)</b>		80 3,15	90 3,54	110 4,33	127 6,10	155 6,10	170 6,69
<b>Ha (mm/in)</b>		162 6,38	189 7,44	222 8,74	250 9,84	278 10,95	314 12,36
<b>VI (mm/in)</b>		90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51
<b>Pf (mm/in)</b>		9 0,35	12,5 0,49	17,5 0,69	22,5 0,88	28 <sup>(4)</sup> 1,10	32 <sup>(5)</sup> 1,26
<b>Wt. (kg/lb)</b>		1,5 3,3	1,8 4,0	3,3 7,3	5,5 12,1	8 17,6	10,6 23,3
<b>Catal. no.</b>		IR352WF/xx	IR353WF/xx	IR354WF/xx	IR355WF/xx	IR356WF/xx	IR357WF/xx

### FULL BORE

<b>Ff (mm/in)</b>							
<b>Ha (mm/in)</b>							
<b>VI (mm/in)</b>							
<b>Pf (mm/in)</b>							
<b>Wt. (kg/lb)</b>							
<b>Catal. no.</b>							

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

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