



Ratings (ASTM A105)
800 p.s.i. @ 850°F
1440 p.s.i. @ 100°F

Test pressure (ASTM A105)
<b>Hydraulic:</b> (minimum)
Body - 2180 p.s.i.
Seat - 1495 p.s.i.
<b>Air under water:</b>
Seat - 85 p.s.i.

Standards
<b>Construction</b> BS 5352
<b>Socket weld</b> ASME B16.11
<b>Threaded</b> ASME B1.20.1
<b>Test</b> 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 5,00	155 6,10	170 6,69
<b>Ha (mm/in)</b>			235 9,25	259 10,20	302 11,89	329 12,95	354 13,94	390 15,35
<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 0,89	28 <sup>(4)</sup> 1,10	32 <sup>(5)</sup> 1,26
<b>Wt. (kg/lb)</b>			2,3 5,1	2,6 5,7	4,3 9,5	6,8 15,0	9,6 21,1	13,8 30,4
<b>Catal. no.</b>			SR352/xx	SR353/xx	SR354/xx	SR355/xx	SR356/xx	SR357/xx

FULL BORE								
	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
<b>Ff (mm/in)</b>	80 3,15	80 3,15	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69	210 8,27
<b>Ha (mm/in)</b>	235 9,25	235 9,25	259 10,20	302 11,89	329 12,95	354 13,94	390 15,35	442 17,40
<b>VI (mm/in)</b>	90 3,54	90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51	200 7,87
<b>Pf (mm/in)</b>	6 0,24	9 0,35	12,5 0,4	17,5 0,69	22,5 0,89	28 <sup>(4)</sup> 1,10	32 <sup>(5)</sup> 1,26	40 <sup>(6)</sup> 1,57
<b>Wt. (kg/lb)</b>	2,4 5,4	2,4 5,4	2,7 6,1	4,6 10,5	7,3 16,5	10,2 23,1	14,5 32,9	23,4 51,1
<b>Catal. no.</b>	SF310/xx	SF311/xx	SF312/xx	SF313/xx	SF314/xx	SF315/xx	SF316/xx	SF317/xx

1) Standard and alternative valve materials on page 67, type D  
 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 stellite seat

5) Pf = 35 with integral stellite seat  
 6) Pf = 45 with integral stellite seat