



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

Test pressure (ASTM A105)
Hydraulic: (minimum)
Body - 2180 p.s.i.
Seat - 1495 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)	
SW Socket weld	B8 Butt weld 80
TH Threaded NPT	
TS Sw/NPT	
SE Sw(e)/NPT	
SU Sw(u)/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	127 5,00	130 5,12
Ha (mm/in)			256 10,08	267 10,51	300 11,81	344 13,54	421 16,57	433 17,05
VI (mm/in)			90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51
Pf (mm/in)			10 0,39	14 0,55	18 0,71	24 0,94	31 1,22	36,5 1,44
Wt. (kg/lb)			2,7 5,9	3,1 6,8	4,7 10,3	6,9 15,2	9,5 20,9	12,6 27,7
Catal. no.			SR252/xx	SR253/xx	SR254/xx	SR255/xx	SR256/xx	SR257/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	127 5,00	130 5,12	150 5,91
Ha (mm/in)	256 10,08	256 10,08	267 10,51	300 11,81	344 13,54	421 16,57	433 17,05	560 22,05
VI (mm/in)	90 3,54	90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51	200 7,87
Pf (mm/in)	8,5 0,33	10 0,39	14 0,55	18 0,71	24 0,94	31 1,22	36,5 1,44	48 1,89
Wt. (kg/lb)	2,7 5,9	2,7 5,9	3,1 6,8	4,7 10,3	6,9 15,2	9,5 20,9	12,6 27,7	25,0 55,0
Catal. no.	SF210/xx	SF211/xx	SF212/xx	SF213/xx	SF214/xx	SF215/xx	SF216/xx	SF217/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