

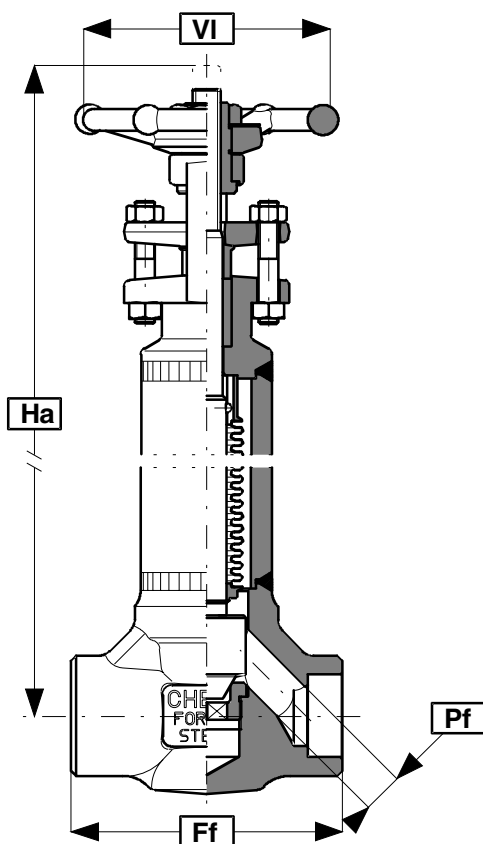
FORGED STEEL VALVES

DOUGLAS CHERO SpA
dc FORGED VALVES





Bellows seal GLOBE VALVES-800-Welded bonnet-Sw/Npt



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 (in)/NPT		
SU	Sw (out)/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	155 6,10	170 6,69
Ha (mm/in)			235 9,25	259 10,20	302 11,89	329 12,95	354 13,94	390 15,35
VI (mm/in)			90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51
Pf (mm/in)			9 0,35	12,5 0,49	17,5 0,69	22,5 0,89	28 ⁽⁴⁾ 1,10	32 ⁽⁵⁾ 1,26
Wt. (kg/lb)			2,3 5,1	2,6 5,7	4,3 9,5	6,8 15,0	9,6 21,1	13,8 30,4
Catal. no.			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"
Ff (mm/in)	80 3,15	80 3,15	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69	210 8,27
Ha (mm/in)	235 9,25	235 9,25	259 10,20	302 11,89	329 12,95	354 13,94	390 15,35	442 17,40
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)	6 0,24	9 0,35	12,5 0,4	17,5 0,69	22,5 0,89	28 ⁽⁴⁾ 1,10	32 ⁽⁵⁾ 1,26	40 ⁽⁶⁾ 1,57
Wt. (kg/lb)	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
Catal. no.	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 stellited seat

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