

FORGED STEEL VALVES

DOUGLAS CHERO SpA
dc FORGED VALVES





GATE VALVES - 800 - Welded bonnet - Sw/Npt/Bw

Ratings (ASTM A105)

800 p.s.i. @ 850°F
1975 p.s.i. @ 100°F

Test pressure (ASTM A105)

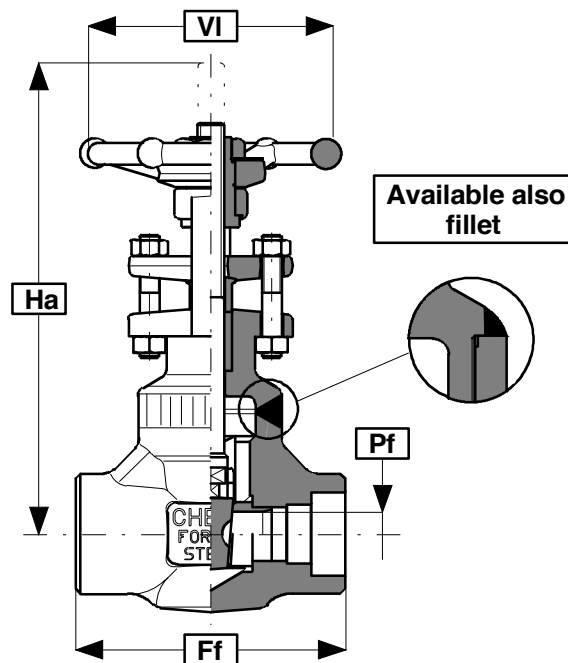
Hydraulic: (minimum)
Body - 3000 p.s.i.
Seat - 2175 p.s.i.
Air under water:
Seat - 85 p.s.i.

Standards

Construction	API 602, BS 5352
Socket weld	ASME B16.11
Threaded	ASME B1.20.1
Butt weld	ASME B16.25
Test	API 598-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	



CONVENTIONAL 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)			150 5,91	157 6,18	188 7,40	220 8,66	248 9,76	274 10,79
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)			1,4 3,1	1,7 3,7	2,8 6,2	4,4 9,7	5,6 12,3	7,6 16,7
Catal. no.			R252WB/xx	R253WB/xx	R254WB/xx	R255WB/xx	R256WB/xx	R257WB/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)	150 5,91	150 5,91	157 6,18	188 7,40	220 8,66	248 9,76	274 10,79	334 13,15
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 1,9
Wt. (kg/lb)	1,5 3,3	1,5 3,3	1,8 4,0	2,9 6,4	4,5 9,9	5,7 12,5	7,7 16,9	12,2 26,8
Catal. no.	F210WB/xx	F211WB/xx	F212WB/xx	F213WB/xx	F214WB/xx	F215WB/xx	F216WB/xx	F217WB/xx

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