

FORGED STEEL VALVES

DOUGLAS CHERO SpA
dc FORGED VALVES



Ratings (ASTM A105)

600 p.s.i. @ 850°F
1480 p.s.i. @ 100°F

Test pressure (ASTM A105)

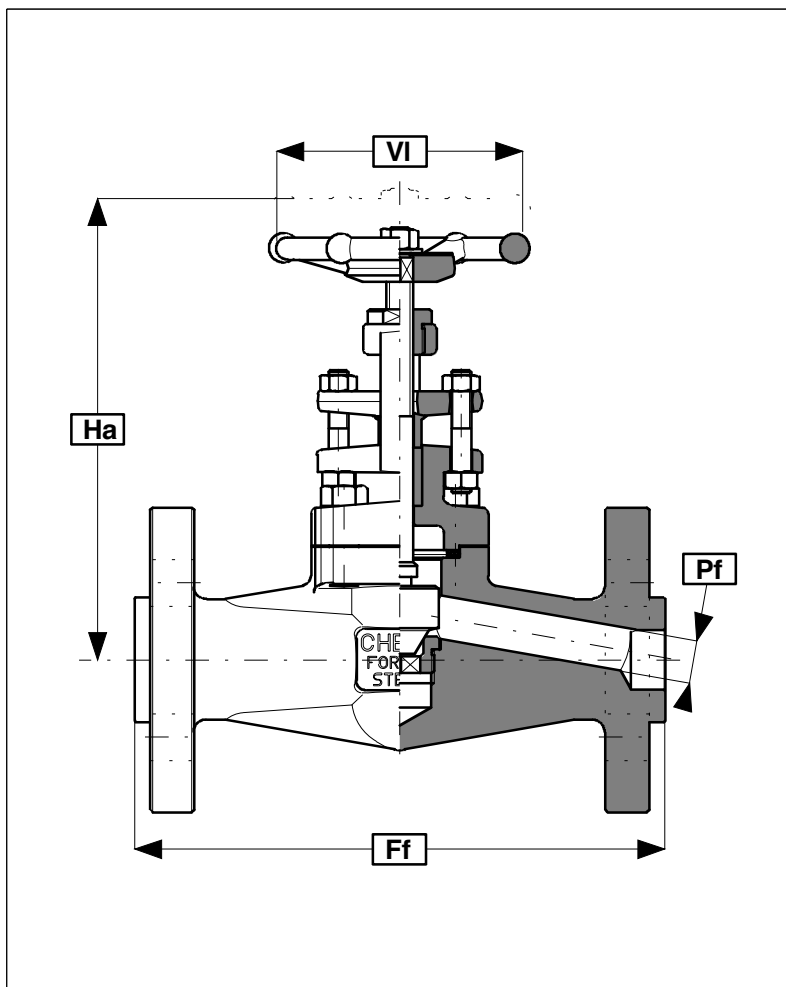
Hydraulic: (minimum)
Body - 2225 p.s.i.
Seat - 1650 p.s.i.
Air under water:
Seat - 85 p.s.i.

Standards

Construction BS 5352
Flanged ASME B16.5, ASME B16.10
Test BS 6755 (Pt.1)

Connections (xx)

RF Raised face (std.)	LF Large female
RJ Ring joint	LG Large groove
SF Small female	LM Large male
SG Small groove	LT Large tongue
SM Small male	
ST Small tongue	



REDUCED BORE

			1/2"	3/4"	1"		1.1/2"	2"
Ff (mm/in)			165,1 6,50	190,5 7,50	215,9 8,50		241,3 9,50	292,1 11,50
Ha (mm/in)			152 5,98	159 6,26	182 7,17		283 11,14	306 12,05
VI (mm/in)			90 3,54	90 3,54	100 3,94		140 5,51	140 5,51
Pf (mm/in)			9 0,35	12,5 0,49	17,5 0,69		28 ⁽⁴⁾ 1,10	32 ⁽⁵⁾ 1,26
Wt. (kg/lb)			3,6 7,9	5,1 11,2	7,8 17,2		14,2 31,2	19,4 42,7
Catal. no.			R352/60xx	R353/60xx	R354/60xx		R356/60xx	R357/60xx

FULL BORE

			1/2"	3/4"	1"		1.1/2"	2"
Ff (mm/in)			165,1 6,50	190,5 7,50	215,9 8,50		241,3 9,50	292,1 11,50
Ha (mm/in)			159 6,26	182 7,17	214 8,43		306 12,05	327 12,87
VI (mm/in)			90 3,54	100 3,94	120 4,72		140 5,51	200 7,87
Pf (mm/in)			12 0,47	17,5 0,69	22,5 0,89		34 1,34	45 1,77
Wt. (kg/lb)			3,8 8,4	6,8 15,0	10,3 22,7		17,8 39,2	26,8 59,0
Catal. no.			F312/60xx	F313/60xx	F314/60xx		F316/60xx	F317/60xx

1) Standard and alternative valve materials on page 67, type A
2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71, 72
3) Flanges & face-to-face dimensions on page 74, 75

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