

FORGED STEEL VALVES

DOUGLAS CHERO SpA
dc FORGED VALVES





GATE VALVES - 300 - Bolted bonnet - Flanged Rf/Rj

Ratings (ASTM A105)

300 p.s.i. @ 850°F
740 p.s.i. @ 100°F

Test pressure (ASTM A105)

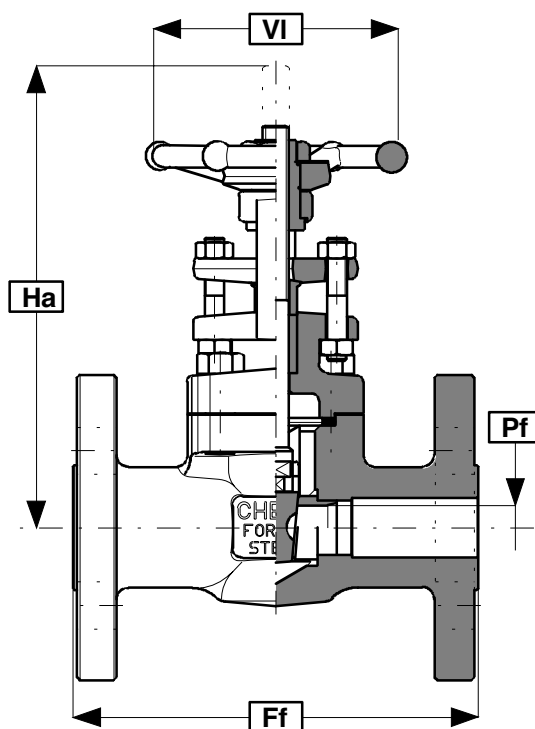
Hydraulic:(minimum)
Body - 1125 p.s.i.
Seat - 825 p.s.i.
Air under water:
Seat - 85 p.s.i.

Standards

Construction API 602, BS 5352
Flanged ASME B16.5, ASME B16.10
Test API 598-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		



CONVENTIONAL BORE

			1/2"		3/4"		1"			1.1/2"		2"	
Ff (mm/in)			139,7	5,50	152,4	6,00	165,1	6,50		190,5	7,50	215,9	8,50
Ha (mm/in)			145	5,71	156	6,14	186	7,32		255	10,04	273	10,75
VI (mm/in)			90	3,54	90	3,54	100	3,94		140	5,51	140	5,51
Pf (mm/in)			10	0,39	14	0,55	18	0,71		31	1,22	36,5	1,44
Wt. (kg/lb)			3,8	8,4	5,4	11,9	6,5	14,3		13,1	28,8	17,3	38,1
Catal. no.			R252/30xx		R253/30xx		R254/30xx			R256/30xx		R257/30xx	

FULL BORE

			1/2"		3/4"		1"			1.1/2"		2"	
Ff (mm/in)			139,7	5,50	152,4	6,00	165,1	6,5		190,5	7,50	215,9	8,50
Ha (mm/in)			193	7,60	190	7,48	216	8,50		273	10,75	314	12,36
VI (mm/in)			90	3,54	100	3,94	120	4,72		140	5,51	200	7,87
Pf (mm/in)			14	0,55	18	0,71	24	0,94		36,5	1,44	48	1,89
Wt. (kg/lb)			4,5	9,9	6,0	13,2	7,6	16,7		14,0	32,6	18,8	41,4
Catal. no.			F212/30xx		F213/30xx		F214/30xx			F216/30xx		F217/30xx	

- 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