

FORGED STEEL VALVES

DOUGLAS CHERO SpA
dc FORGED VALVES





Compact GLOBE VALVES - 1500 - Bolted bonnet - Sw/Npt/Bw

Ratings (ASTM A105)

1500 p.s.i. @ 850°F
3705 p.s.i. @ 100°F

Test pressure (ASTM A105)

Hydraulic: (minimum)

Body - 5575 p.s.i.
Seat - 4100 p.s.i.

Air under water:

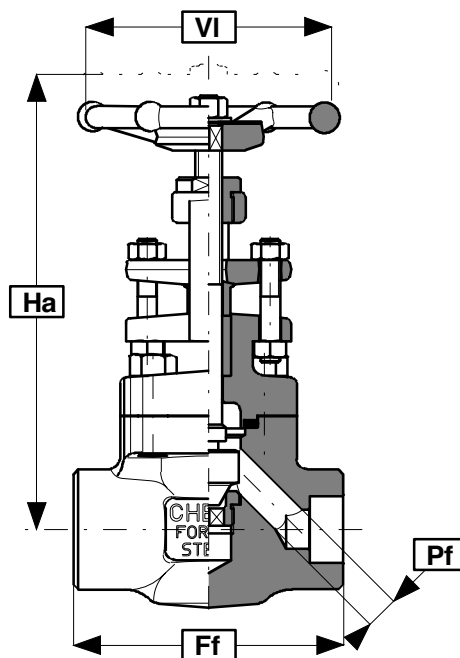
Seat - 85 p.s.i.

Standards

Construction founded on API 602
Socket weld ASME B16.11
Threaded ASME B1.20.1
Butt weld ASME B16.25
Test founded on API 598

Connections (xx)

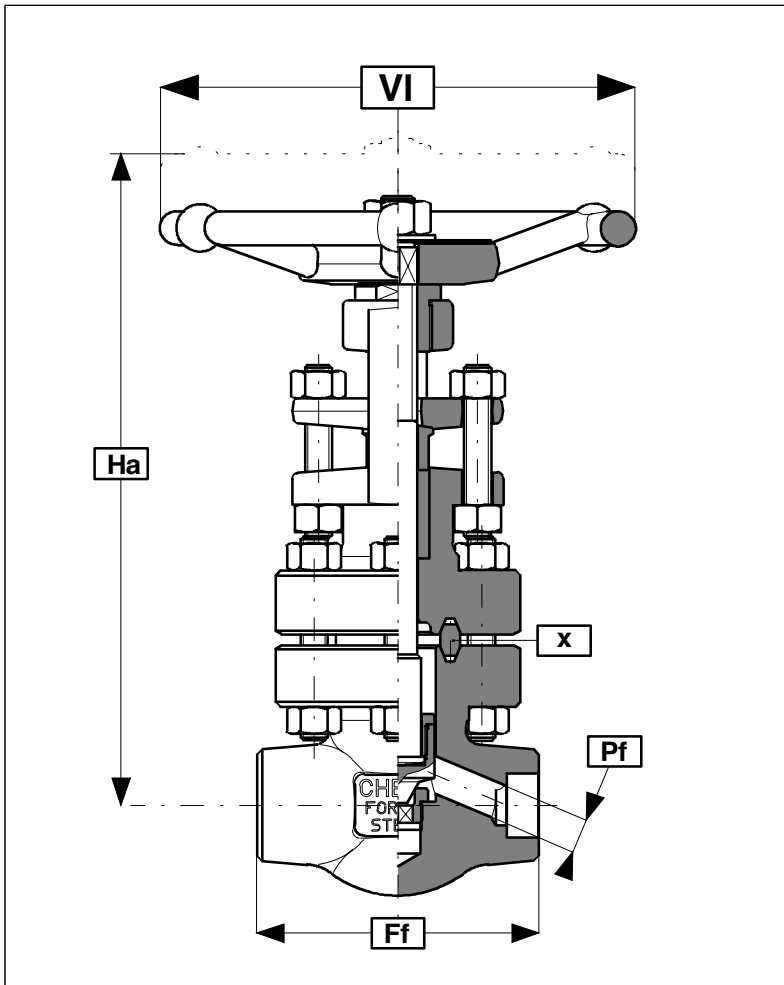
SW	Socket weld	B8	Butt weld 80
TH	Threaded NPT		
TS	Threaded NPT		
SE	Sw (in)/NPT		
SU	Sw (out)/NPT		
B6	Butt weld 160		



CONVENTIONAL BORE

	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Ff (mm/in)	90 3,54	90 3,54	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69	210 8,27
Ha (mm/in)	169 6,65	169 6,65	169 6,65	181 7,13	210 8,27	246 9,69	255 10,04	307 12,09
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)	6,5 0,26	9 0,35	10 0,39	13,5 0,53	18 0,71	24 0,94	29 1,14	35 1,38
Wt. (kg/lb)	2,4 5,3	2,4 5,3	2,4 5,3	3,7 8,1	5,5 12,1	8,3 18,3	11,4 25,1	16,8 37,0
Catal. no.	X750/xx	X751/xx	X752/xx	X753/xx	X754/xx	X755/xx	X756/xx	X757/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



Ratings (ASTM A105)

1500 p.s.i. @ 850°F
3705 p.s.i. @ 100°F

Test pressure (ASTM A105)

Hydraulic:(minimum)
Body - 5575 p.s.i.
Seat - 4100 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
Butt weld ASME B16.25
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	
B6 Butt weld 160	

X) Gasket=Spiral wound.RJ gasket available on request.

STANDARD BORE								
			1/2"	3/4"	1"		1.1/2"	2"
Ff (mm/in)			110 4,33	115 4,53	130 5,12		210 8,27	240 9,45
Ha (mm/in)			218 8,58	274 10,79	286 11,26		427 16,8	433 17,05
VI (mm/in)			120 4,72	175 6,89	175 6,89		260 10,24	260 10,24
Pf (mm/in)			11 0,43	14,5 0,57	19 0,75		31 1,22	37,5 1,48
Wt. (kg/lb)			5,6 12,3	8,0 17,6	9,3 20,5		26,2 57,6	34,5 75,9
Catal. no.			752/xx	753/xx	754/xx		756/xx	757/xx

1) Standard and alternative valve materials on page 66, type A
2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72
3) SW, NPT & BW dimensions on page 73

Ratings (ASTM A105)

1500 p.s.i. @ 850°F
3705 p.s.i. @ 100°F

Test pressure (ASTM A105)
Hydraulic: (minimum)

Body - 5575 p.s.i.
Seat - 4100 p.s.i.

Air under water:

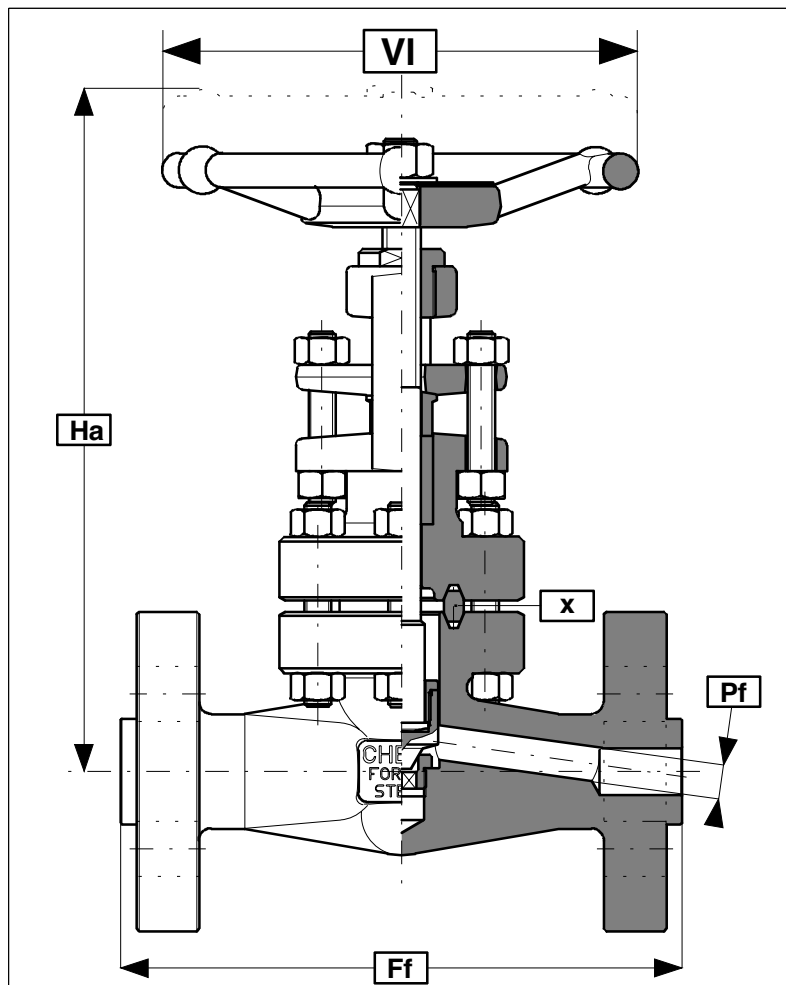
Seat - 85 p.s.i.

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	



X) Gasket=Spiral wound. RJ gasket available on request.

STANDARD BORE

			1/2"	3/4"	1"		1.1/2"	2"
Ff (mm/in)			215,9 8,49	228,6 9,00	254,0 10,00		304,8 12,00	368,3 14,50
Ha (mm/in)			218 8,58	274 10,79	286 11,26		427 16,81	433 17,05
VI (mm/in)			120 4,72	175 6,89	175 6,89		260 10,24	260 10,24
Pf (mm/in)			11 0,43	14,5 0,57	19 0,75		31 1,22	37,5 1,48
Wt. (kg/lb)			9,4 20,7	15,2 33,44	17,3 38,1		37,9 83,4	55,2 121,4
Catal. no.			752/150xx	753/150xx	754/150xx		756/150xx	757/150xx

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