

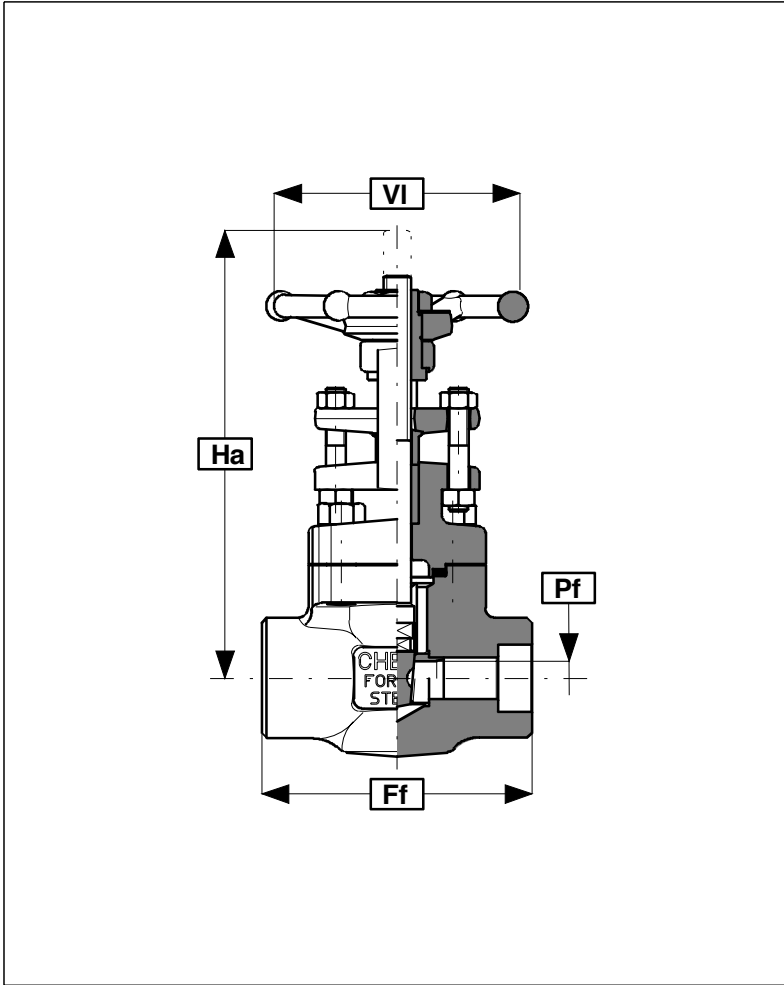
FORGED STEEL VALVES

DOUGLAS CHERO SpA
dc FORGED VALVES





Compact GATE 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	API 602
Socket weld	ASME B16.11
Threaded	ASME B1.20.1
Butt weld	ASME B16.25
Test	API 598

Connections (xx)

SW Socket weld	B8 Butt weld 80
TH Threaded NPT	
TS Sw/NPT	
SE Sw(e)/NPT	
SU Sw(u)/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	127 5,00	130 5,12	150 5,91
Ha (mm/in)	163 6,42	163 6,42	163 6,42	180 7,09	212 8,35	245 9,65	266 10,47	318 12,52
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	8,5 0,33	10 0,39	14 0,55	18 0,71	24 0,94	31 1,22	36,5 1,44
Wt. (kg/lb)	2,3 5,1	2,3 5,1	2,3 5,1	3,7 8,1	5,4 11,9	7,4 16,3	9,6 21,1	15,1 33,2
Catal. no.	X650/xx	X651/xx	X652/xx	X653/xx	X654/xx	X655/xx	X656/xx	X657/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)

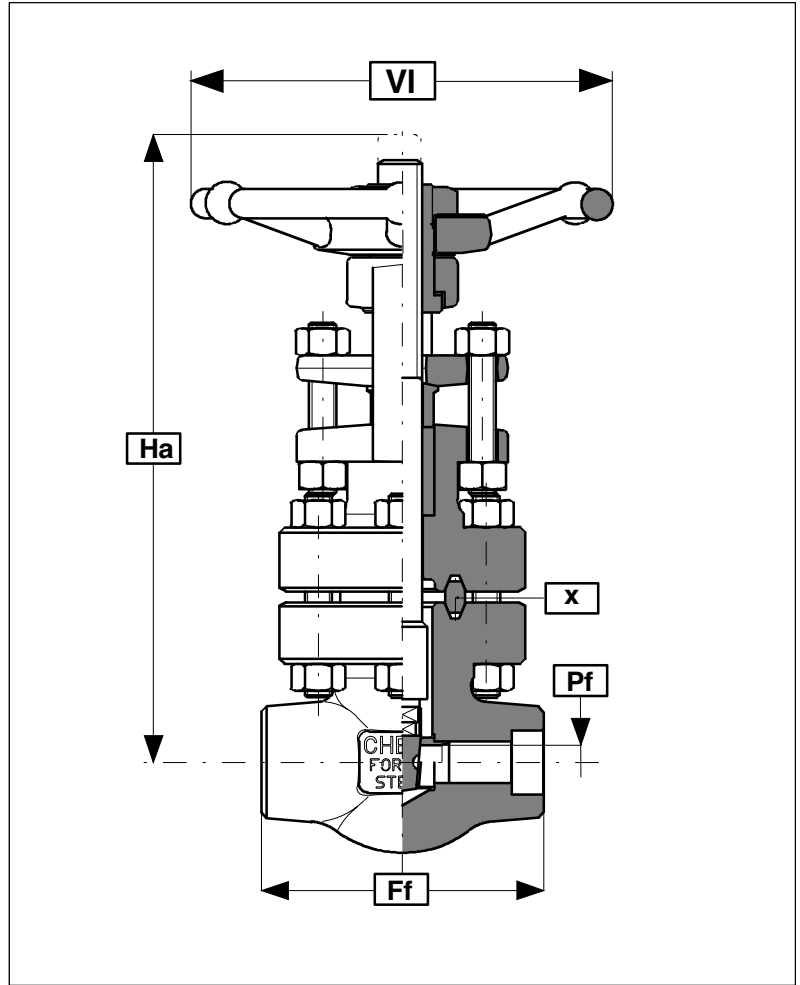
Hydraulic: (minimum)
Body - 5575 p.s.i.
Seat - 4100 p.s.i.
Air under water:
Seat - 85 p.s.i.

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(e)/NPT	
SU Sw(u)/NPT	
B6 Butt weld 160	

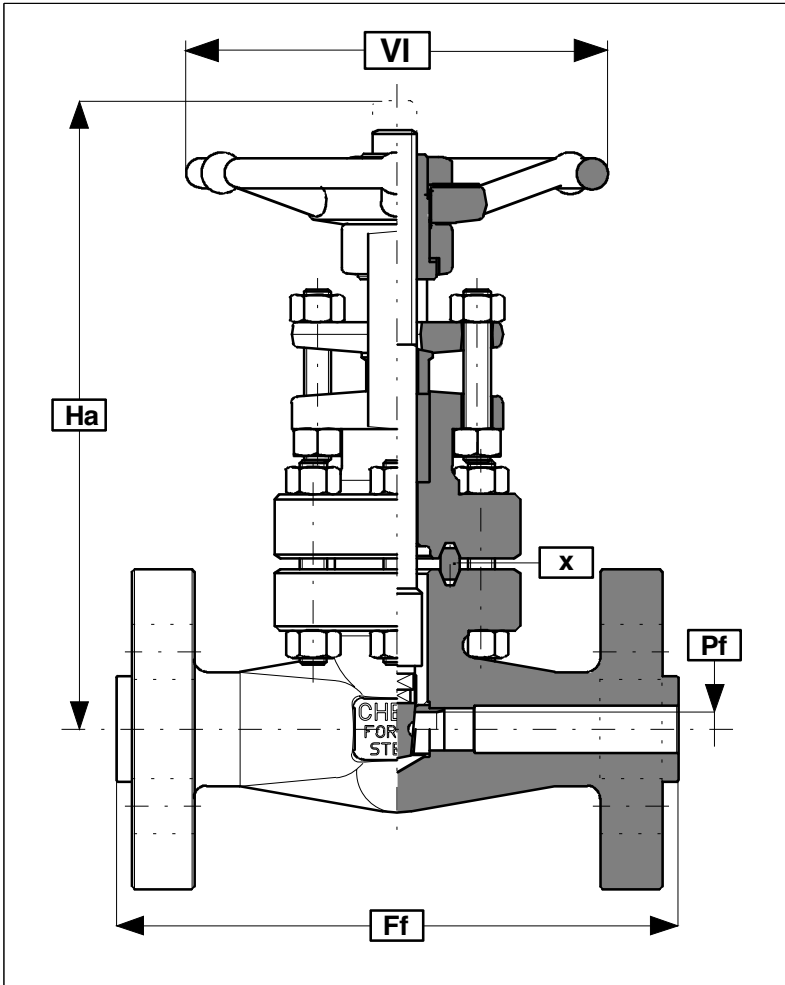


X) Gasket=Spiral wound. RJ gasket available on request.

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)			212 8,35	256 10,09	272 10,79		411 16,18	422 16,6
VI (mm/in)			120 4,72	175 6,89	175 6,89		260 10,24	260 10,24
Pf (mm/in)			11,5 0,45	15 0,59	19,5 0,77		32 1,26	40 1,57
Wt. (kg/lb)			5,9 13,0	8,4 18,5	9,8 21,6		26,8 59,0	35,4 77,9
Catal. no.			652/xx	653/xx	654/xx		656/xx	657/xx

1) Standard and alternative valve materials on page 67
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	8,50	228,6	9,00	254,0	10,00	304,8	12,00	368,3	14,50
Ha (mm/in)		212	8,35	256	10,08	272	10,71	411	16,18	422	16,61
VI (mm/in)		120	4,72	175	6,89	175	6,89	260	10,24	260	10,24
Pf (mm/in)		11,5	0,45	15	0,59	19,5	0,77	32	1,26	40	1,57
Wt. (kg/lb)		9,7	21,3	15,5	34,1	17,5	38,5	38,5	84,7	56,0	123,2
Catal. no.		652/150xx		653/150xx		654/150xx		656/150xx		657/150xx	

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