

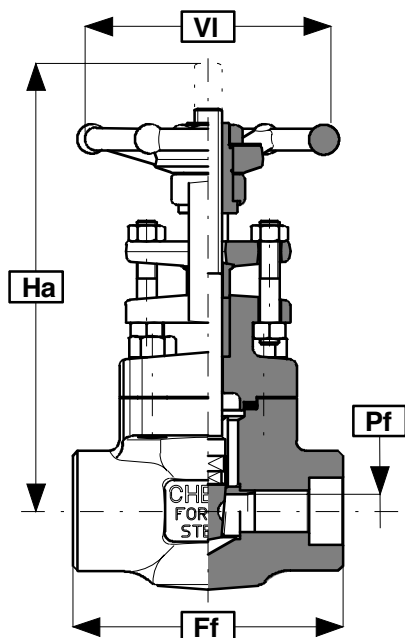
FORGED STEEL VALVES

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