

FORGED STEEL VALVES

DOUGLAS CHERO SpA
dc FORGED VALVES





Extended body GATE VALVES - 800 - Bolted bonnet - Sw/Npt/BW

Ratings (ASTM A105)

800 p.s.i. @ 850 F
1975 p.s.i. @ 100 F

Test pressure (ASTM A105)

Hydraulic: (minimum)

Body - 3000 p.s.i.
Seat - 2175 p.s.i.

Air under water:

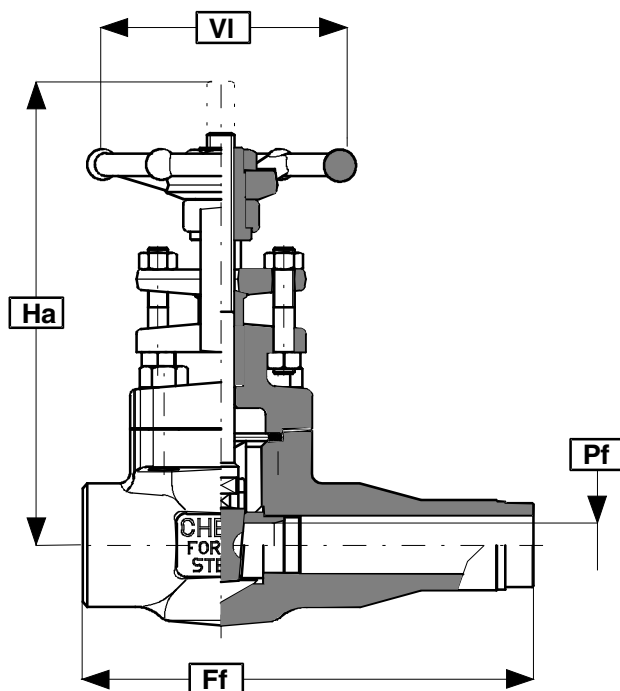
Seat - 85 p.s.i.

Standards

Construction	API 602, API 606
Socket weld	ASME B16.11
Threaded	ASME B1.20.1
Butt weld	ASME B16.25
Test	API 598-BS 6755 (Pt.1)

Connections (xx)

SNS Sw/ext. Sw	BNS BW80/ext. Sw
SNT Sw/ext. NPT	BNT BW80/ext. NPT
SNB Sw/ext. BW80	BNB BW80/ext. BW80
TNS NPT/ext. Sw	
TNT NPT/ext. NPT	
TNB NPT/ext. BW80	



CONVENTIONAL BORE

			1/2"	3/4"	1"		1.1/2"	2"
Ff (mm/in)			145 5,71	160 6,30	190 7,48		224 8,82	240 9,45
Ha (mm/in)			145 5,70	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)			1,9 4,2	2,4 5,3	3,8 8,4		7,7 16,9	7,7 16,9
Catal. no.			R252/xNx	R253/xNx	R254/xNx		R256/xNx	R257/xNx

- 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