

FORGED STEEL VALVES

DOUGLAS CHERO SpA
dc FORGED VALVES





ISRS GATE VALVES - 800 - Welded bonnet - Sw/Npt

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:

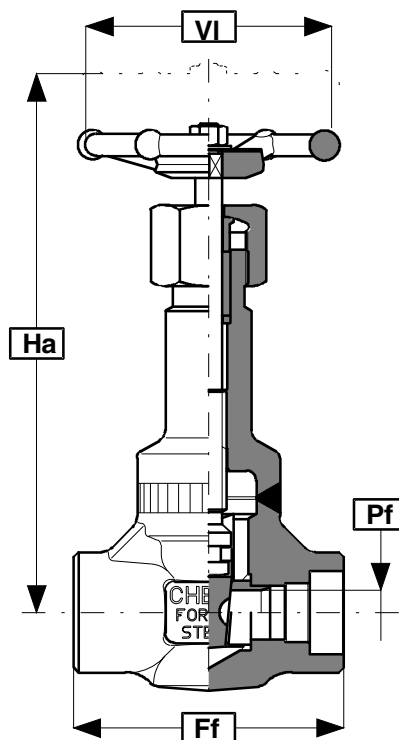
Seat - 85 p.s.i.

Standards

Construction API 602, BS 5352
Socket weld ASME B16.11
Threaded ASME B1.20.1
Test API 598-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	
B4 Butt weld 40	



CONVENTIONAL BORE

			1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Ff (mm/in)			80 3,15	90 3,54	110 4,33	127 5,00	127 5,00	130 5,12
Ha (mm/in)			158 6,22	183 7,20	201 7,91	255 10,03	276 10,87	310 12,21
VI (mm/in)			90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51
Pf (mm/in)			10 0,39	14 0,55	18 0,71	24 0,94	31 1,22	36,5 1,44
Wt. (kg/lb)			1,5 3,3	1,9 4,2	3,2 7,0	4,9 10,8	6,2 13,6	8,4 18,5
Catal. no.			IR252WF/xx	IR253WF/xx	IR254WF/xx	IR255WF/xx	IR256WF/xx	IR257WF/xx

FULL BORE

Ff (mm/in)								
Ha (mm/in)								
VI (mm/in)								
Pf (mm/in)								
Wt. (kg/lb)								
Catal. no.								

- 1) Standard and alternative valve materials on page 67, type E
- 2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71, 72
- 3) SW & NPT dimensions on page 73