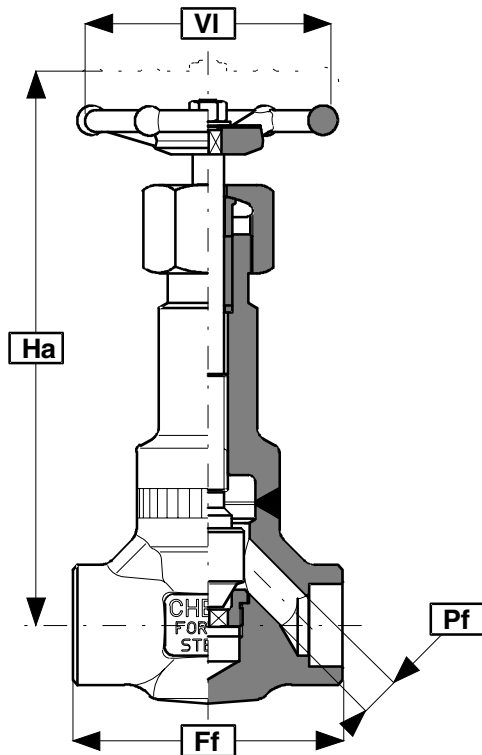


FORGED STEEL VALVES

DOUGLAS CHERO SpA
dc FORGED VALVES





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 BS 5352
Socket weld ASME B16.11
Threaded ASME B1.20.1
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	
B4 Butt weld 40	

REDUCED 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 6,10	155 6,10	170 6,69
Ha (mm/in)			162 6,38	189 7,44	222 8,74	250 9,84	278 10,95	314 12,36
VI (mm/in)			90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51
Pf (mm/in)			9 0,35	12,5 0,49	17,5 0,69	22,5 0,88	28 ⁽⁴⁾ 1,10	32 ⁽⁵⁾ 1,26
Wt. (kg/lb)			1,5 3,3	1,8 4,0	3,3 7,3	5,5 12,1	8 17,6	10,6 23,3
Catal. no.			IR352WF/xx	IR353WF/xx	IR354WF/xx	IR355WF/xx	IR356WF/xx	IR357WF/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

4) Pf = 29,5 with integral stellited seat
5) Pf = 35 with integral stellited seat