

FORGED STEEL VALVES

DOUGLAS CHERO SpA
dc FORGED VALVES



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:

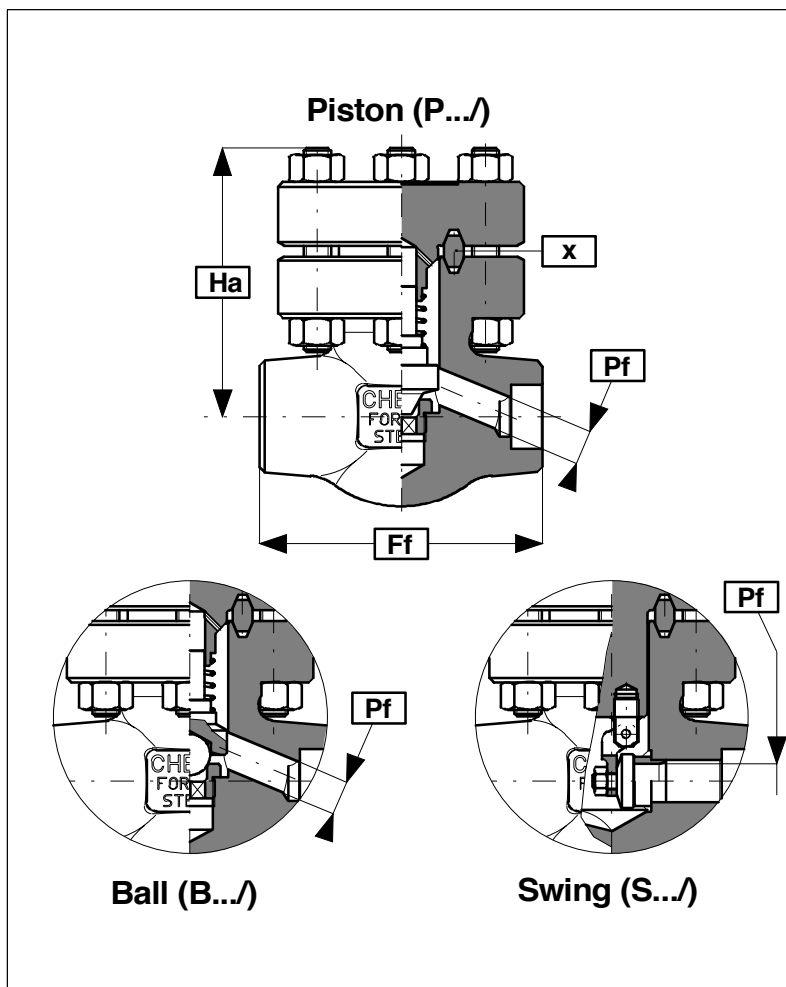
not applicable

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 (in)/NPT	
SU Sw (out)/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)			93 3,66	109 4,29	122 4,80		158 6,22	171 6,73
Pf⁽⁴⁾ (mm/in)			11 0,43	14,5 0,57	19 0,75		31 1,22	37,5 1,48
Wt. (kg/lb)			3,8 8,4	5,9 13,0	6,8 15,0		18,8 41,4	23,7 52,1
Catal. no.			t852/xx	t853/xx	t854/xx		t856/xx	t857/xx

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

4) Dimensions for piston & ball type; swing see page 25
5) Code t is replaced by kind of check valve (drawing above)