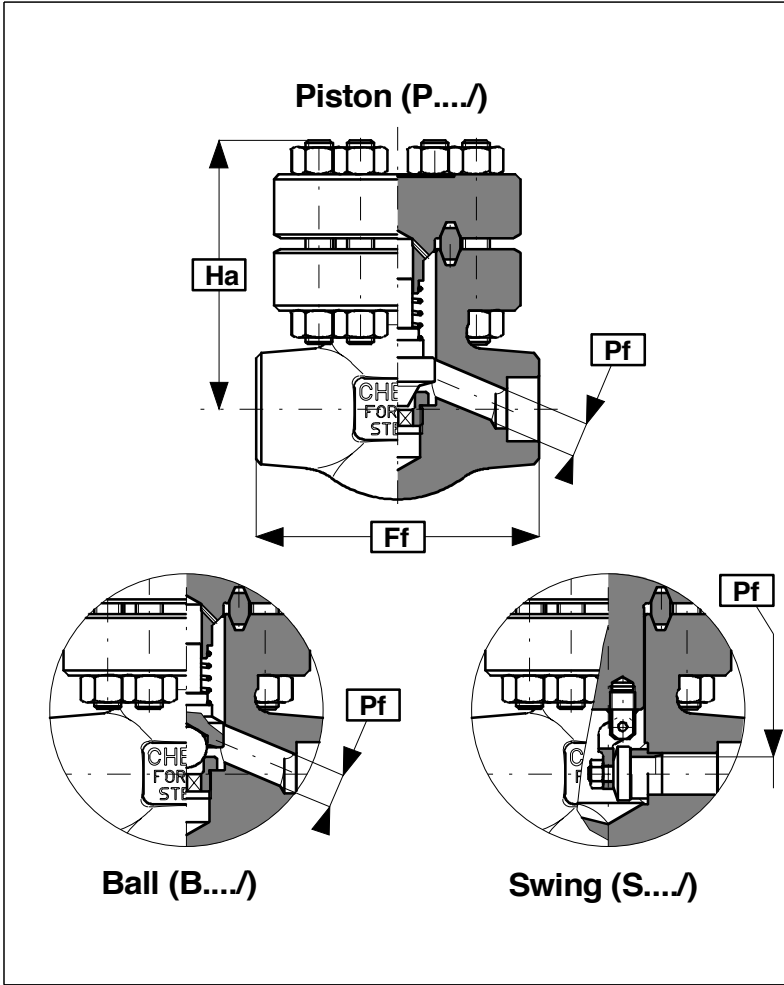


# FORGED STEEL VALVES

DOUGLAS CHERO SpA  
**dc** FORGED VALVES





### Ratings (ASTM A105)

2500 p.s.i. @ 850°F  
6170 p.s.i. @ 100°F

### Test pressure (ASTM A105)

**Hydraulic:(minimum)**  
Body - 9275 p.s.i.  
Seat - 6800 p.s.i.  
**Air under water:**  
not applicable

### Standards

**Construction** founded on ASME B16.34  
**Socket weld** ASME B16.11  
**Threaded** ASME B1.20.1  
**Butt weld** ASME B16.25  
**Test** API 598-ASME B16.34

### Connections (xx)

<b>SW</b> Socket weld	<b>BX</b> Butt weld XXS
<b>TH</b> Threaded NPT	
<b>TS</b> Sw/NPT	
<b>SE</b> Sw (in)/NPT	
<b>SU</b> Sw (out)/NPT	
<b>B6</b> Butt weld 160	

STANDARD BORE								
			1/2"		3/4"		1"	
<b>Ff (mm/in)</b>			110 4,33	115 4,53	130 5,12		210 8,27	240 9,45
<b>Ha (mm/in)</b>			93 3,66	109 4,29	122 4,80		158 6,22	171 6,73
<b>Pf<sup>(4)</sup>(mm/in)</b>			10 0,39	13 0,51	18 0,71		25 0,98	34 1,33
<b>Wt. (kg/lb)</b>			4,0 8,8	6,2 13,6	7,2 15,8		19,4 42,7	24,5 53,9
<b>Catal. no.</b>			t1252/xx	t1253/xx	t1254/xx		t1256/xx	t1257/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 34  
5) Code t is replaced by kind of check valve (drawing above)

**Ratings (ASTM A105)**

2500 p.s.i. @ 850°F  
6170 p.s.i. @ 100°F

**Test pressure (ASTM A105)**

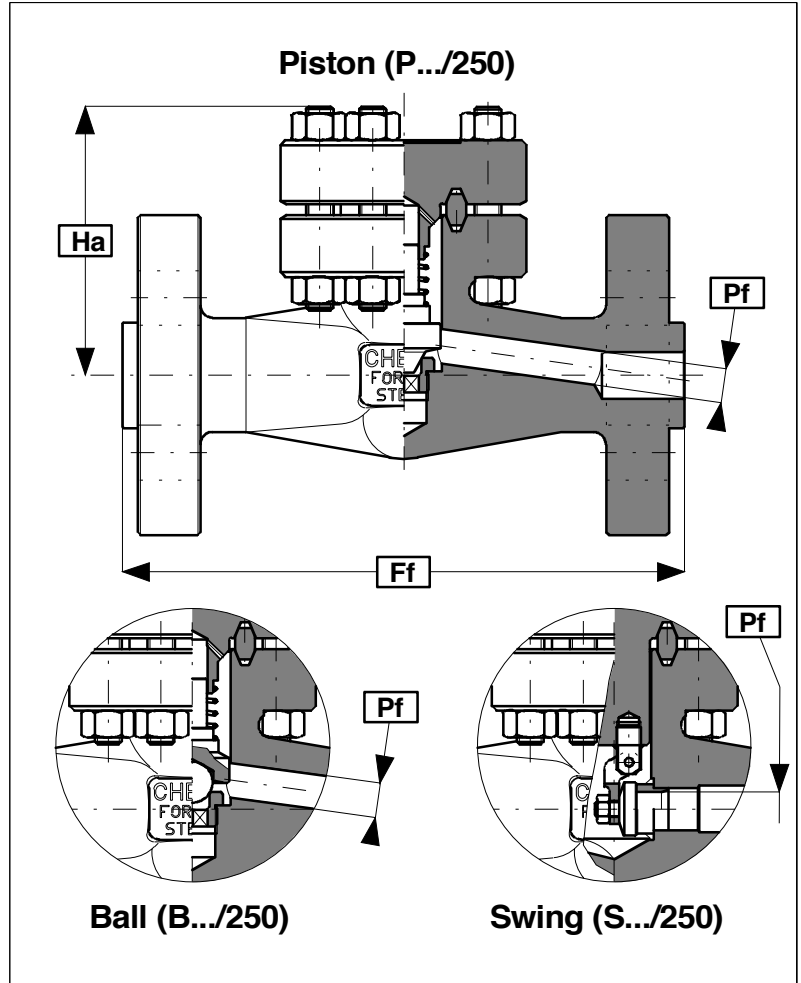
**Hydraulic: (minimum)**  
Body - 9275 p.s.i.  
Seat - 6800 p.s.i.  
**Air under water:**  
not applicable

**Standards**

**Construction** founded on ASME B16.34  
**Flanged** ASME B16.5, ASME B16.10  
**Test** API 598-ASME B16.34

**Connections (xx)**

<b>RF</b>	Raised face (std.)	<b>LF</b>	Large female
<b>RJ</b>	Ring joint	<b>LG</b>	Large groove
<b>SF</b>	Small female	<b>LM</b>	Large male
<b>SG</b>	Small groove	<b>LT</b>	Large tongue
<b>SM</b>	Small male		
<b>ST</b>	Small tongue		



		STANDARD BORE									
		1/2"		3/4"		1"		1.1/2"		2"	
<b>Ff (mm/in)</b>		263,5	10,37	273,0	10,75	308,0	12,13	384,2	15,13	450,8	17,75
<b>Ha (mm/in)</b>		93	3,66	109	4,29	122	4,80	158	6,22	171	6,73
<b>Pf<sup>(4)</sup>(mm/in)</b>		10	0,39	13	0,51	18	0,71	25	0,98	34	1,33
<b>Wt. (kg/lb)</b>		8,5	18,7	12,5	27,5	19,2	42,2	40,8	89,8	59,0	129,8
<b>Catal. no.</b>		t1252/250xx		t1253/250xx		t1254/250xx		t1256/250xx		t1257/250xx	


1) Standard and alternative valve materials on page 67, type B  
2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72  
3) Flanges & face-to-face dimensions on page 73, 74

4) Dimensions for piston & ball type; swing on page 34  
5) Code tt is replaced by kind of check valve (drawing above)