

# FORGED STEEL VALVES

DOUGLAS CHERO SpA  
**dc** FORGED VALVES



**Ratings (ASTM A105)**

4010 p.s.i. @ 850 F  
11110 p.s.i. @ 100 F

**Test pressure (ASTM A105)**
**Hydraulic: (minimum)**

Body - 16650 p.s.i.  
Seat - 12210 p.s.i.

**Air under water:**

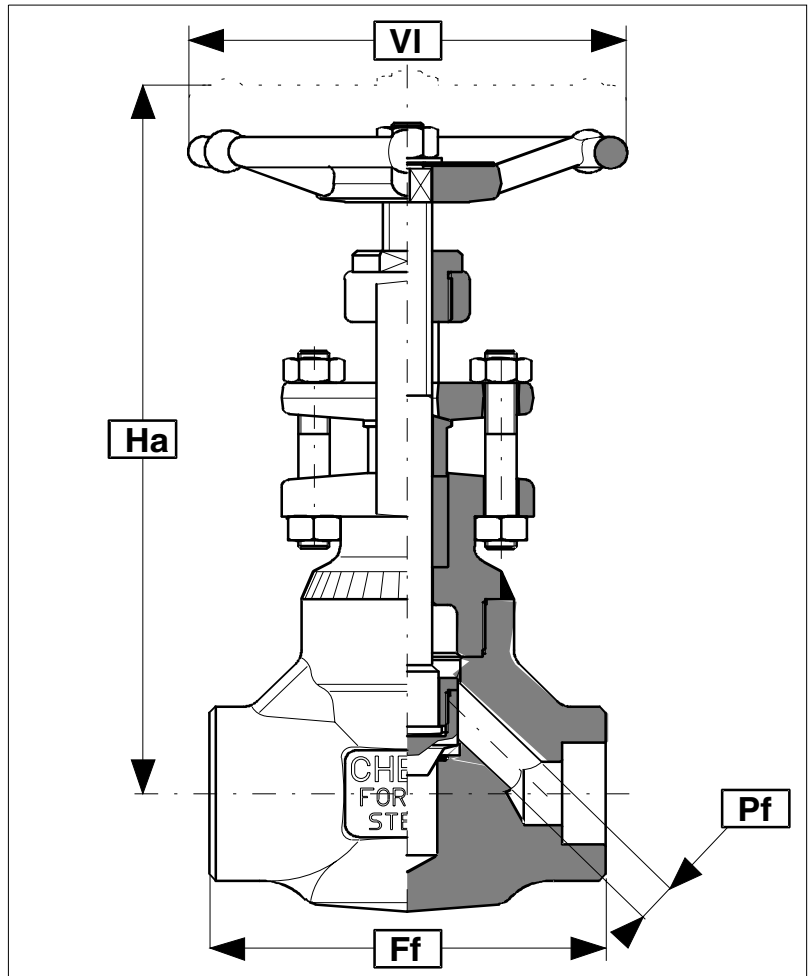
Seat - 85 p.s.i.

**Standards**

**Construction** 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"		1.1/2"	2"
<b>Ff (mm/in)</b>		127 5,00	155 6,10	170 6,69		240 9,45	240 9,45
<b>Ha (mm/in)</b>		230 9,06	277 10,90	335 13,18		431 16,97	450 17,72
<b>VI (mm/in)</b>		175 6,89	200 7,87	260 10,24		350 13,78	350 13,78
<b>Pf (mm/in)</b>		7 0,28	11 0,43	14 0,55		25 0,98	30 1,18
<b>Wt. (kg/lb)</b>		4,1 9,0	6,2 13,6	11,8 26,0		28,0 61,6	42 92,4
<b>Catal. no.</b>		2152WB/xx	2153WB/xx	2154WB/xx		2156WB/xx	2157WB/xx


1) Standard and alternative valve materials on page 72, type A  
2) Complete Pressure-Temperature ratings on page 73 , 74 , 75 , 76 , 77.  
3) SW, NPT & BW dimensions on page 78.