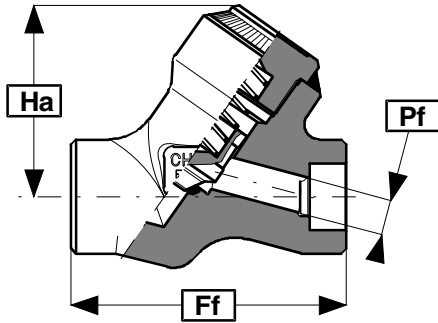


# FORGED STEEL VALVES

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-ASME B16.34  
**Socket weld** ASME B16.11  
**Threaded** ASME B1.20.1  
**Butt weld** ASME B16.25  
**Test** BS 6755 (Pt.1)

### Connections (xx)

|                        |                         |
|------------------------|-------------------------|
| <b>SW</b> Socket weld  | <b>B6</b> Butt weld 160 |
| <b>TH</b> Threaded NPT |                         |
| <b>TS</b> Sw/NPT       |                         |
| <b>SE</b> Sw (in)/NPT  |                         |
| <b>SU</b> Sw (out)/NPT |                         |
| <b>B8</b> Butt weld 80 |                         |

### STANDARD BORE

|                    |  | 1/2"       | 3/4"       | 1"         | 1.1/4"     | 1.1/2"     | 2"         |
|--------------------|--|------------|------------|------------|------------|------------|------------|
| <b>Ff (mm/in)</b>  |  | 100 3,94   | 110 4,33   | 120 4,72   | 160 6,30   | 190 7,48   | 190 7,48   |
| <b>Ha (mm/in)</b>  |  | 80 3,15    | 87 3,43    | 90 3,54    | 121 4,76   | 146 5,75   | 146 5,75   |
| <b>Pf (mm/in)</b>  |  | 12 0,47    | 16 0,63    | 20 0,79    | 28 1,10    | 32 1,26    | 43 1,69    |
| <b>Wt. (kg/lb)</b> |  | 2,5 5,5    | 3,0 6,6    | 4,5 9,9    | 5,5 12,1   | 8 17,6     | 9,5 20,9   |
| <b>Catal. no.</b>  |  | YP852WC/xx | YP853WC/xx | YP854WC/xx | YP855WC/xx | YP856WC/xx | YP857WC/xx |

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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