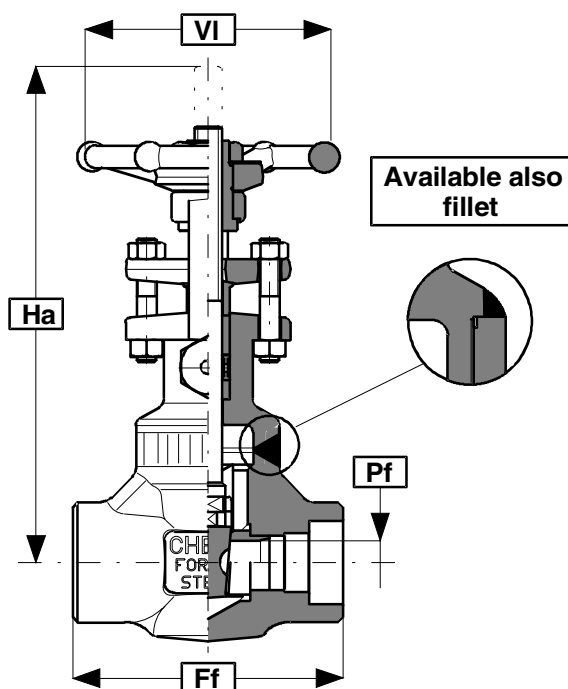


# FORGED STEEL VALVES

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** founded on API 602, BS 5352  
**Socket weld** ASME B16.11  
**Threaded** ASME B1.20.1  
**Test** founded on API 598-BS 6755 (Pt.1)

## Connections (xx)

|           |              |           |              |
|-----------|--------------|-----------|--------------|
| <b>SW</b> | Socket weld  | <b>B8</b> | Butt weld 80 |
| <b>TH</b> | Threaded NPT |           |              |
| <b>TS</b> | Sw/NPT       |           |              |
| <b>SE</b> | Sw(e)/NPT    |           |              |
| <b>SU</b> | Sw(u)/NPT    |           |              |
| <b>B4</b> | Butt weld 40 |           |              |

## CONVENTIONAL BORE

|                    |  |  | 1/2"       | 3/4"       | 1"         | 1.1/4"     | 1.1/2"     | 2"         |
|--------------------|--|--|------------|------------|------------|------------|------------|------------|
| <b>Ff</b> (mm/in)  |  |  | 80 3,15    | 90 3,54    | 110 4,33   | 127 5,00   | 127 5,00   | 130 5,12   |
| <b>Ha</b> (mm/in)  |  |  | 164 6,46   | 171 6,73   | 204 8,03   | 240 9,45   | 268 10,55  | 296 11,65  |
| <b>VI</b> (mm/in)  |  |  | 90 3,54    | 90 3,54    | 100 3,94   | 120 4,72   | 140 5,51   | 140 5,51   |
| <b>Pf</b> (mm/in)  |  |  | 10 0,39    | 14 0,55    | 18 0,71    | 24 0,94    | 31 1,22    | 36,5 1,44  |
| <b>Wt.</b> (kg/lb) |  |  | 1,6 3,5    | 1,9 4,2    | 3,1 6,8    | 4,2 9,24   | 6,1 13,4   | 8,2 18,0   |
| <b>Catal. no.</b>  |  |  | LR252WB/xx | LR253WB/xx | LR254WB/xx | LR255WB/XX | LR256WB/xx | LR257WB/xx |

## FULL BORE

| <b>Ff</b> (mm/in)  |  |  |  |  |  |  |  |  |
|--------------------|--|--|--|--|--|--|--|--|
| <b>Ha</b> (mm/in)  |  |  |  |  |  |  |  |  |
| <b>VI</b> (mm/in)  |  |  |  |  |  |  |  |  |
| <b>Pf</b> (mm/in)  |  |  |  |  |  |  |  |  |
| <b>Wt.</b> (kg/lb) |  |  |  |  |  |  |  |  |
| <b>Catal. no.</b>  |  |  |  |  |  |  |  |  |

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

4) Available also for vacuum service