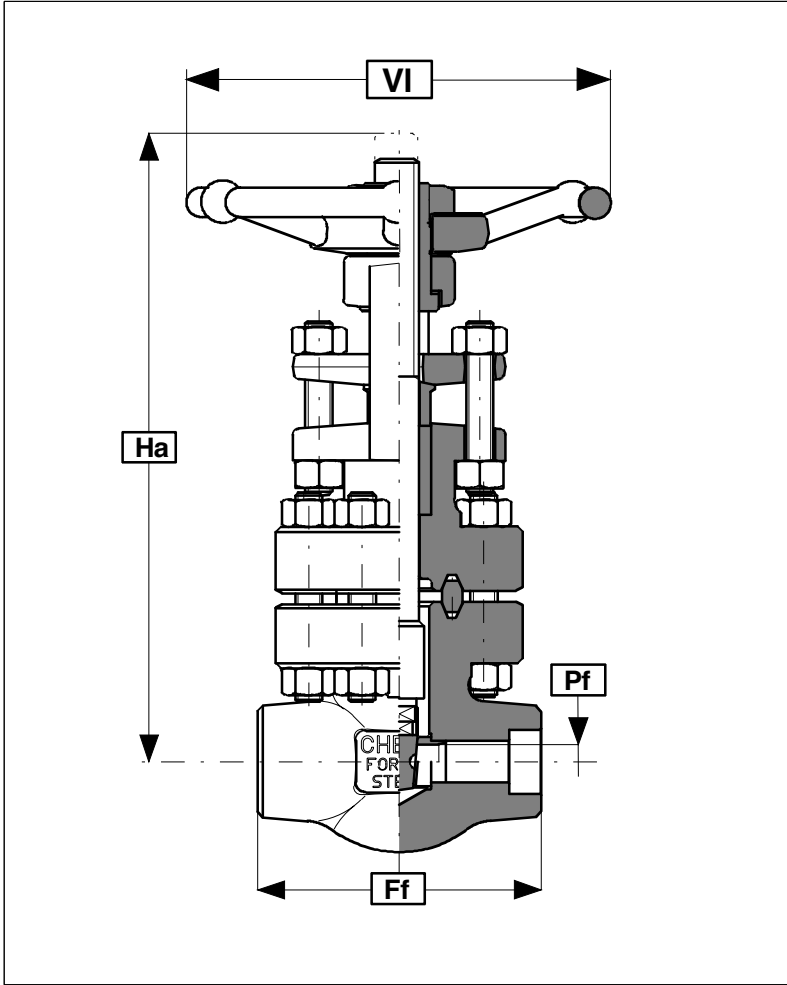


FORGED STEEL VALVES

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:
Seat - 85 p.s.i.

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)

| | |
|-------------------------|-------------------------|
| SW Socket weld | BX Butt weld XXS |
| TH Threaded NPT | |
| TS Sw/NPT | |
| SE Sw(e)/NPT | |
| SU Sw8u)/NPT | |
| B6 Butt weld 160 | |

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) | | 212 8,35 | 256 10,08 | 272 10,71 | | 411 16,18 | 422 16,61 |
| VI (mm/in) | | 140 5,51 | 200 7,87 | 200 7,87 | | 260 10,24 | 350 13,77 |
| Pf (mm/in) | | 10 0,48 | 14 0,55 | 18 0,71 | | 31 1,22 | 36,5 1,44 |
| Wt. (kg/lb) | | 6,1 13,4 | 8,7 19,1 | 10,2 22,4 | | 27,4 60,3 | 36,2 79,6 |
| Catal. no. | | 1052/xx | 1053/xx | 1054/xx | | 1056/xx | 1057/xx |

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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 & BW dimensions on page 73

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:

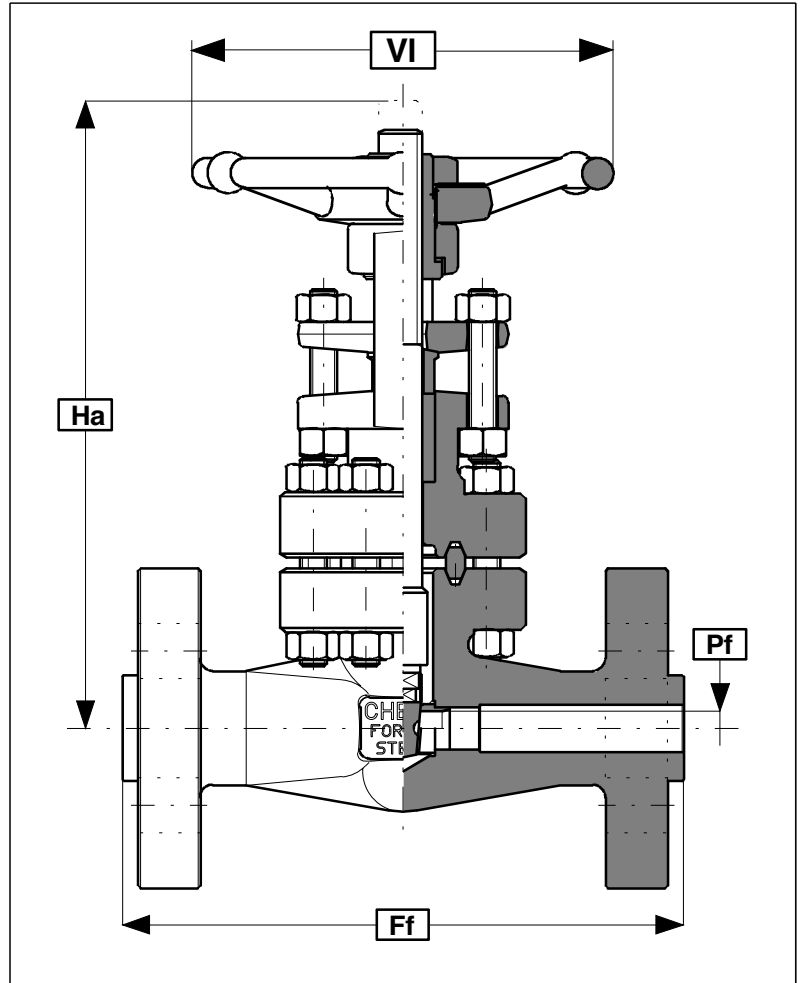
Seat - 85 p.s.i.

Standards

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

Connections (xx)

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



STANDARD BORE

| | | | 1/2" | 3/4" | 1" | | 1.1/2" | 2" |
|--------------------|--|--|-------------|-------------|-------------|--|-------------|-------------|
| Ff (mm/in) | | | 263,5 10,37 | 273,0 10,75 | 308,0 12,13 | | 384,2 15,13 | 450,8 17,75 |
| Ha (mm/in) | | | 212 8,35 | 256 10,08 | 272 10,71 | | 411 16,18 | 422 16,61 |
| VI (mm/in) | | | 140 5,51 | 200 7,87 | 200 7,87 | | 260 10,24 | 350 13,77 |
| Pf (mm/in) | | | 10 0,39 | 14 0,55 | 18 0,71 | | 31 12,21 | 36,5 1,44 |
| Wt. (kg/lb) | | | 9,9 21,8 | 15,8 34,8 | 17,9 39,4 | | 39,1 86,3 | 56,8 125,0 |
| Catal. no. | | | 1052/250xx | 1053/250xx | 1054/250xx | | 1056/250xx | 1057/250xx |

| | | | | | | | | |
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1) Standard and alternative valve materials on page 67, type A
2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71, 72
3) Flanges & face-to-face dimensions on page 74, 75