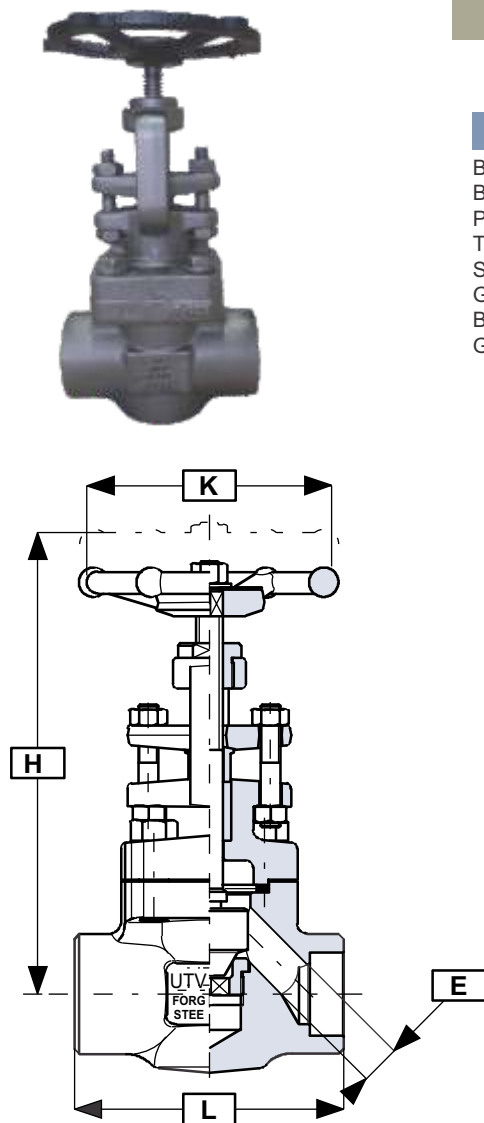


## GLOBE VALVE CLASS 800/600 FORGED STEEL SCREW / SOCKET WELD / BUTT WELD



### Material of Construction

|               |                                                        |
|---------------|--------------------------------------------------------|
| Body          | : ASTM A105 N, CF8, CF8M, 316/316L NACE, F11, F22, LF2 |
| Bonnet        | : ASTM A105 N, CF8, CF8M, 316/316L NACE, F11, F22, LF2 |
| Plug          | : ASTM A105 N, CF8, CF8M, 316/316L NACE, F11, F22, LF2 |
| Trim          | : ASTM A82 Gr. F6, 11, 12, 8, 5                        |
| Seat          | : HF Stellite                                          |
| Gland Packing | : Graphite Asbestos, INHIB, inconel wire rein          |
| Bolt + Nut    | : B7/2H - B8/8 or B7/2H                                |
| Gasket        | : SPW SS304/316 with CAF/Grafoil                       |

### 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 | BS 5352        |
| Socket weld  | ASME B16.11    |
| Threaded     | ASME B1.20.1   |
| Butt weld    | ASME B16.25    |
| Test         | BS 6755 (Pt.1) |

### Connections

|    |              |    |              |
|----|--------------|----|--------------|
| SW | Socket weld  | B8 | Butt weld 80 |
| TS | SW/NPT       |    |              |
| TH | Threaded NPT |    |              |
| SE | SW (in)/NPT  |    |              |
| SU | SW (out)/NPT |    |              |
| B4 | Butt weld 40 |    |              |

### REDUCED BORE

|             |  |  | 1/2"     | 3/4"      | 1"        | 1.1/4"    | 1.1/2"                 | 2"                     |
|-------------|--|--|----------|-----------|-----------|-----------|------------------------|------------------------|
| L (mm/in)   |  |  | 80 3,15  | 90 3,54   | 110 4,33  | 127 5,00  | 155 6,10               | 170 6,69               |
| H (mm/in)   |  |  | 152 5,98 | 159 6,26  | 182 7,17  | 214 8,43  | 283 11,14              | 306 12,05              |
| K (mm/in)   |  |  | 90 3,54  | 90 3,54   | 100 3,94  | 120 4,72  | 140 5,51               | 140 5,51               |
| E (mm/in)   |  |  | 9 0,35   | 12,5 0,49 | 17,5 0,69 | 22,5 0,89 | 28 <sup>(4)</sup> 1,10 | 32 <sup>(5)</sup> 1,26 |
| Wt. (kg/lb) |  |  | 1,7 3,7  | 2 4,4     | 3,2 7,0   | 5,3 11,7  | 7,8 17,2               | 10,6 23,3              |
| Catal. no.  |  |  |          |           |           |           |                        |                        |

### FULL BORE

|             | 1/4"     | 3/8"     | 1/2"      | 3/4"      | 1"        | 1.1/4"                 | 1.1/2"                 | 2"                     |
|-------------|----------|----------|-----------|-----------|-----------|------------------------|------------------------|------------------------|
| L (mm/in)   | 80 3,15  | 80 3,15  | 90 3,54   | 110 4,33  | 127 5,00  | 155 6,10               | 170 6,69               | 210 8,27               |
| H (mm/in)   | 150 5,91 | 152 5,98 | 159 6,26  | 182 7,17  | 214 8,43  | 283 11,14              | 306 12,05              | 327 12,87              |
| K (mm/in)   | 90 3,54  | 90 3,54  | 90 3,54   | 100 3,94  | 120 4,72  | 140 5,51               | 140 5,51               | 200 7,87               |
| E (mm/in)   | 6 0,24   | 9 0,35   | 12,5 0,49 | 17,5 0,69 | 22,5 0,89 | 28 <sup>(4)</sup> 1,10 | 32 <sup>(5)</sup> 1,26 | 40 <sup>(6)</sup> 1,57 |
| Wt. (kg/lb) | 1,8 4,0  | 1,8 4,0  | 2,1 4,6   | 3,3 7,3   | 5,4 11,9  | 7,9 17,4               | 10,7 23,5              | 16 35,2                |
| Catal. no.  |          |          |           |           |           |                        |                        |                        |