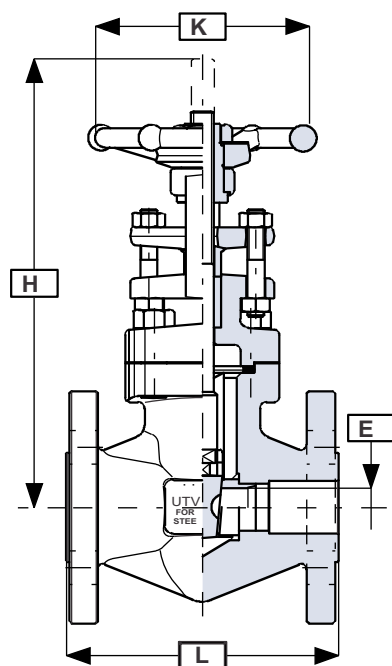


## GATE VALVE CLASS 150 FORGED STEEL BOLTED BONNET FLANGED END RF



### 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 |
| Wedge         | : 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)

|                    |
|--------------------|
| 150 p.s.i. @ 550°F |
| 285 p.s.i. @ 100°F |

### Test pressure (ASTM A105)

|                             |
|-----------------------------|
| <b>Hydraulic: (minimum)</b> |
| Body - 450 p.s.i.           |
| Seat - 325 p.s.i.           |
| <b>Air under water:</b>     |
| Seat - 85 p.s.i.            |

### Standards

|                     |                         |
|---------------------|-------------------------|
| <b>Construction</b> | API 602, BS 5352        |
| <b>Flanged</b>      | ASME B16.5, ASME B16.10 |
| <b>Test</b>         | API 598-BS 6755 (Pt.1)  |

### Connections

|           |                    |
|-----------|--------------------|
| <b>RF</b> | Raised face (std.) |
| <b>FF</b> | Flat finish        |

### CONVENTIONAL BORE

|             |  |  | 1/2"       | 3/4"       | 1"         |  | 1.1/2"     | 2"         |
|-------------|--|--|------------|------------|------------|--|------------|------------|
| L (mm/in)   |  |  | 107,9 4,25 | 117,5 4,63 | 127,0 5,00 |  | 165,1 6,50 | 177,8 7,00 |
| H (mm/in)   |  |  | 179 7,05   | 186 7,32   | 208 8,19   |  | 255 10,04  | 273 10,75  |
| K (mm/in)   |  |  | 90 3,54    | 90 3,54    | 100 3,94   |  | 140 5,51   | 140 5,51   |
| E (mm/in)   |  |  | 10 0,39    | 14 0,55    | 18 0,71    |  | 31 1,22    | 36,5 1,44  |
| Wt. (kg/lb) |  |  | 3,2 7,0    | 4,1 9,0    | 5,8 12,8   |  | 10 22,0    | 13,1 28,8  |
| Catal. no.  |  |  |            |            |            |  |            |            |

### FULL BORE

|             |  |  | 1/2"       | 3/4"       | 1"         |  | 1.1/2"     | 2"         |
|-------------|--|--|------------|------------|------------|--|------------|------------|
| L (mm/in)   |  |  | 107,9 4,25 | 117,5 4,63 | 127,0 5,00 |  | 165,1 6,50 | 177,8 7,00 |
| H (mm/in)   |  |  | 183 7,20   | 191 7,52   | 216 8,50   |  | 273 10,75  | 314 12,36  |
| K (mm/in)   |  |  | 90 3,54    | 90 3,54    | 100 3,94   |  | 140 5,51   | 200 7,87   |
| E (mm/in)   |  |  | 14 0,55    | 18 0,71    | 24 0,94    |  | 36,5 1,44  | 48 1,89    |
| Wt. (kg/lb) |  |  | 3,1 6,8    | 4 8,8      | 5,7 12,5   |  | 12,6 27,7  | 15,8 34,8  |
| Catal. no.  |  |  |            |            |            |  |            |            |