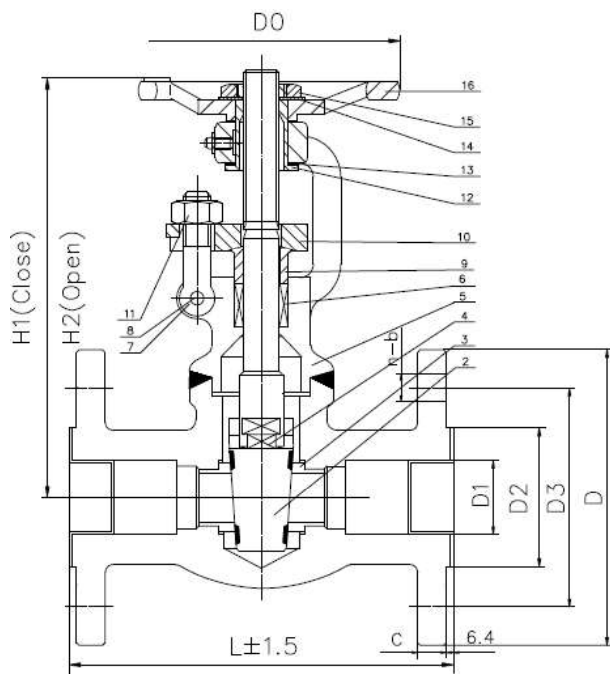


## Gate Valves • Class 600 • Flanged • W3604XUF

### WELDED BONNET – REGULAR PORT – ISO 15761

Outside Screw & Yoke



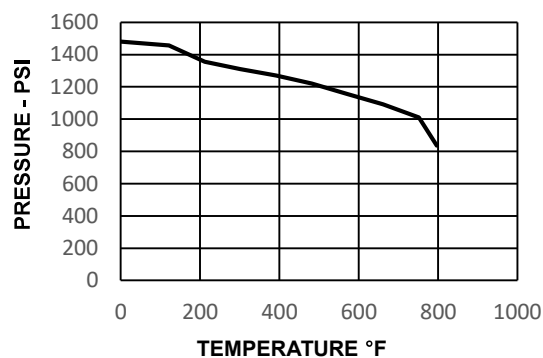
#### APPLICABLE STANDARDS:

BASIC DESIGN: API 602  
 FACE TO FACE AND END TO END  
 DIMENSIONS OF VALVES: ASME B16.10  
 FLANGED END: ASME B16.5  
 TEST AND INSPECTION: API 598  
 RATINGS: Carbon Steel  
 Class 600– 1480 P.S.I. @ 100°F

### Materials of Construction

| No. | Description    | Qty   | Material  |
|-----|----------------|-------|-----------|
| 1   | Body           | 1     | A105      |
| 2   | Disc           | 1     | 3Cr13     |
| 3   | Seat ring      | 2     | 1Cr13+STL |
| 4   | Stem           | 1     | 1Cr13     |
| 5   | Bonnet         | 1     | A105      |
| 6   | Packing        | 1 Set | Graphite  |
| 7   | Gland Bolt     | 2     | A193-B7   |
| 8   | Gland Bolt Pin | 2     | 1Cr13     |
| 9   | Packing Flange | 1     | 1Cr13     |
| 10  | Gland Flange   | 1     | A105      |
| 11  | Nut            | 2     | A194M-2H  |
| 12  | Stem Nut       | 1     | 1Cr13     |
| 13  | Washer         | 2     | 1Cr13     |
| 14  | Nameplate      | 1     | 304       |
| 15  | Hand Wheel Nut | 1     | 20        |
| 16  | Hand Wheel     | 1     | A197      |
| 17  | Plug           | 2     | Plastic   |

### Pressure - Temperature Rating



### Dimensions

| Valve Size | L   |      | d  |      | H1  |      | H2  |      | D0  |      | D1 |      | D2 |      | D3   |      | D  |      | C  |      | n-bolt holes |    |      |
|------------|-----|------|----|------|-----|------|-----|------|-----|------|----|------|----|------|------|------|----|------|----|------|--------------|----|------|
| in.        | mm  | in.  | mm | in.  | mm  | in.  | mm  | in.  | mm  | in.  | mm | in.  | mm | in.  | mm   | in.  | mm | in.  | mm | in.  | n            | mm | in.  |
| 1/2        | 165 | 6.50 | 10 | 0.39 | 132 | 5.20 | 143 | 5.63 | 100 | 3.94 | 17 | 0.67 | 35 | 1.38 | 66.5 | 2.62 | 95 | 3.74 | 21 | 0.83 | 4            | 16 | 0.62 |