

Series 3483

Forged Gate Valve



Valves, Automation & Controls

Features

- Class 800
- Socket weld ends carbon steel or 316L stainless steel
- Threaded ends carbon Steel or 316 stainless steel
- Bolted bonnet
- Rising stem
- NACE MR-0175
- Applicable Standards
 - Basic Design API 602
 - Socket Weld ANSI 16.11
 - Threaded ANSI B1.20.1
 - Test API 598

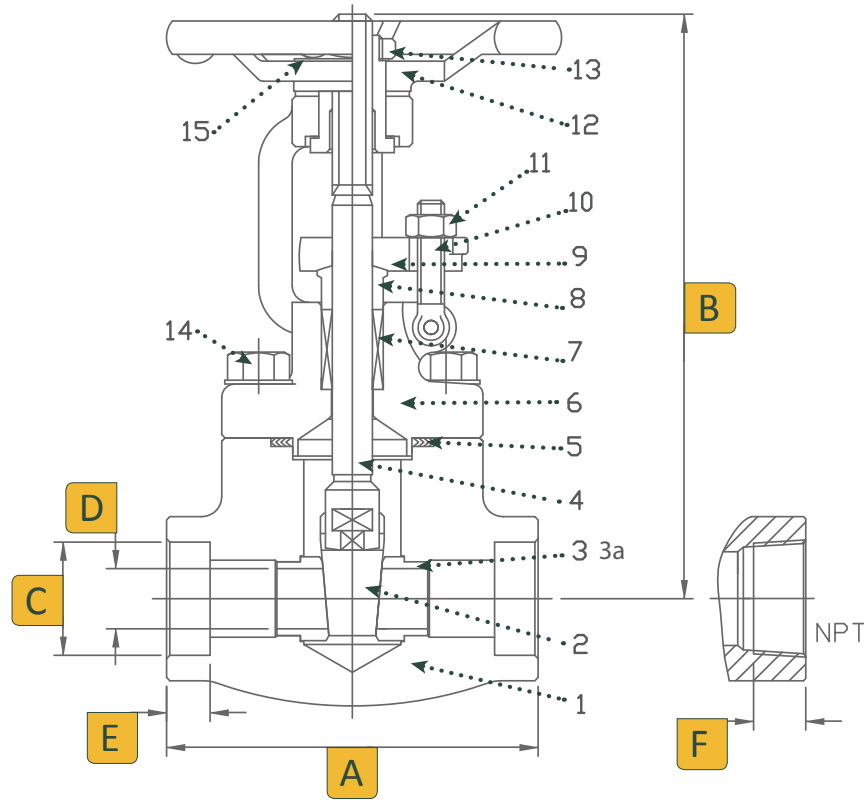


Technical Information

| Size | CV | Weight |
|-------|-----|--------|
| 1/4 | 3 | 4.5 |
| 3/8 | 5 | 4.6 |
| 1/2 | 7 | 4.4 |
| 3/4 | 14 | 4.8 |
| 1 | 30 | 7.8 |
| 1-1/4 | 85 | 11.8 |
| 1-1/2 | 100 | 13.5 |
| 2 | 160 | 21.0 |

| Temperature °F | 316L Pressure psi | 316 Pressure psi | Carbon Pressure psi |
|----------------|-------------------|------------------|---------------------|
| -20 to 100 | 1600 | 1920 | 1975 |
| 200 | 1350 | 1655 | 1800 |
| 300 | 1210 | 1495 | 1750 |
| 400 | 1100 | 1370 | 1690 |
| 500 | 1020 | 1275 | 1595 |
| 600 | 960 | 1205 | 1460 |
| 650 | 935 | 1185 | 1430 |
| 700 | 915 | 1150 | 1420 |
| 750 | 895 | 1130 | 1345 |
| 800 | 875 | 1105 | 1100 |
| 850 | 860 | 1080 | - |
| 900 | - | 1050 | - |
| 950 | - | 1030 | - |
| 1000 | - | 970 | - |





Dimensions (Inches)

| Size | A | B | C | D | E | F |
|-------|------|-------|------|------|------|------|
| 1/4 | 3.11 | 6.54 | 0.56 | 0.39 | 0.39 | 0.40 |
| 3/8 | 3.11 | 6.54 | 0.69 | 0.39 | 0.39 | 0.43 |
| 1/2 | 3.11 | 6.54 | 0.85 | 0.51 | 0.39 | 0.54 |
| 3/4 | 3.58 | 6.65 | 1.07 | 0.51 | 0.51 | 0.55 |
| 1 | 4.37 | 7.60 | 1.33 | 0.71 | 0.51 | 0.69 |
| 1-1/4 | 4.72 | 9.06 | 1.68 | 0.94 | 0.51 | 0.71 |
| 1-1/2 | 4.72 | 9.69 | 1.92 | 1.14 | 0.51 | 0.72 |
| 2 | 5.51 | 11.14 | 2.41 | 1.44 | 0.63 | 0.76 |

| No. | Part Name | Qty | Material |
|-----|----------------|-----|---|
| 1 | Body | 1 | 316L Stainless Steel ASTM A182 or 316 Stainless Steel ASTM A182 or Carbon Steel ASTM A105 |
| 2 | Disc | 1 | 316 Stainless Steel or 410 Stainless Steel* |
| 3 | Seat Ring | 2 | 316 Stainless Steel or 410 Stainless Steel* |
| 3a | Seat | 1 | Stellite |
| 4 | Stem | 1 | 316 Stainless Steel or 410 Stainless Steel* |
| 5 | Gasket | 1 | 316 + Graphite or 304 + Graphite* |
| 6 | Bonnet | 1 | 316L Stainless Steel or Carbon Steel ASTM A105* |
| 7 | Packing | 1 | Graphite |
| 8 | Packing Flange | 1 | 316 Stainless Steel or 410 Stainless Steel* |
| 9 | Gland Flange | 1 | 304 Stainless Steel or Carbon Steel ASTM A105* |
| 10 | Gland Studs | 2 | B8M Steel or 410 Stainless Steel* |
| 11 | Gland Nut | 2 | Gr8M Steel or 2HM Steel ASTM A194* |
| 12 | Hand Wheel | 1 | Carbon Steel |
| 13 | Hand Wheel Nut | 1 | Carbon Steel |
| 14 | Body Bolt | 1 | B8M Steel or B7M Steel ASTM A193* |
| 15 | Name Plate | 1 | Aluminum |

* Used on Carbon Steel Valves

Ordering

Fig: 1/2 - 3483 - 6 - TE

Description: 1/2" - Series 3483 - 316 Stainless Steel - Threaded Ends

| Size | Series | Body | Ends |
|-------|--------|-----------------------------|----------------|
| 1/4 | 3483 | 4 Carbon Steel (Trim 8) | TE Threaded |
| 3/8 | | 6 Stainless Steel (Trim 12) | SW Socket Weld |
| 1/2 | | | |
| 3/4 | | | |
| 1 | | | |
| 1-1/4 | | | |
| 1-1/2 | | | |
| 2 | | | |

Due to continuous development of our product range, we reserve the right to change the dimensions and information for this product as required.