

6000 PSI STAINLESS STEEL NEEDLE VALVES

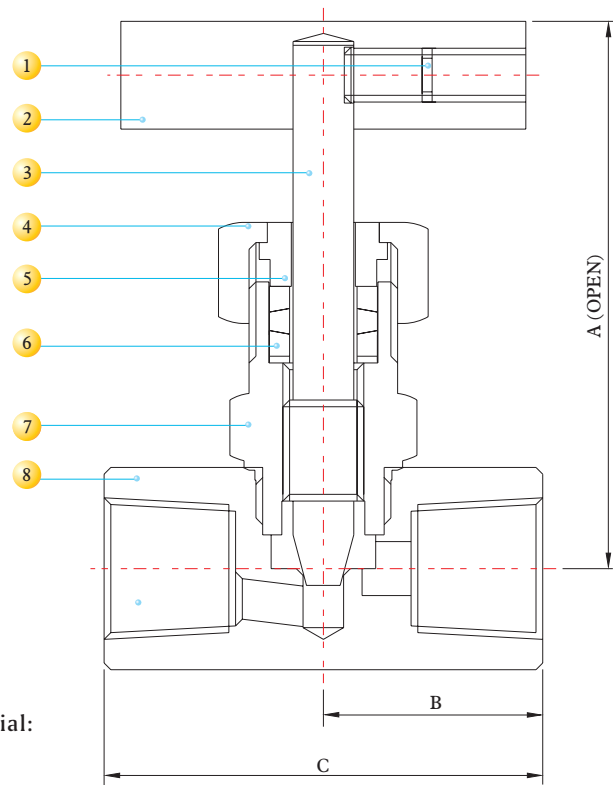
DESIGN FEATURES:

- INVESTMENT CASTING
- SCREWED-IN BONNET
- RISING STEM
- HANDLE OPERATION
- WORKING PRESSURE: 6000 PSI
- TEST STANDARD: API 598
- NACE MR-0175 FULL COMPLIANCE

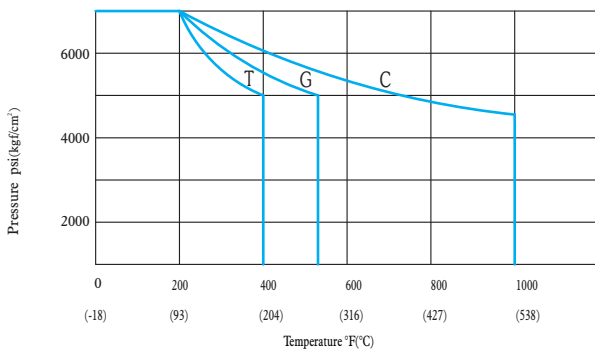


MATERIALS LIST

| NO. | PART NAME | MATERIAL | Q'TY |
|-----|-----------|-------------------|------|
| 1 | SET SCREW | SS304 | 1 |
| 2 | HANDLE | SS410 | 1 |
| 3 | STEM | SS316 | 1 |
| 4 | GLAND NUT | SS304 | 1 |
| 5 | GLAND | SS304 | 1 |
| 6 | PACKING | PTFE | 1 |
| 7 | BONNET | ASTM A351 Gr.CF8M | 1 |
| 8 | BODY | ASTM A351 Gr.CF8M | 1 |



PRESSURE TEMPERATURE RATINGS



Packing Material:

T: PTFE

G: PTFE + 25%C

C: CARBON FIBER

DIMENSIONS

| SIZE | | A | | B | | C | | ORIFICE DIA. | | Cv Factor | Weight | |
|------|----|------|-------|------|------|------|----|--------------|----|-----------|--------|------|
| inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | | Kg | Lb |
| 1/8" | 4 | 2.95 | 75.0 | 1.14 | 29.0 | 2.28 | 58 | 0.16 | 4 | 0.7 | 0.35 | 0.77 |
| 1/4" | 8 | 2.95 | 75.0 | 1.14 | 29.0 | 2.28 | 58 | 0.19 | 5 | 0.8 | 0.35 | 0.77 |
| 3/8" | 10 | 2.95 | 75.0 | 1.14 | 29.0 | 2.28 | 58 | 0.19 | 5 | 0.9 | 0.35 | 0.77 |
| 1/2" | 15 | 3.43 | 87.0 | 1.28 | 32.5 | 2.56 | 65 | 0.24 | 6 | 1.2 | 0.56 | 1.23 |
| 3/4" | 20 | 3.54 | 90.0 | 1.38 | 35.0 | 2.76 | 70 | 0.24 | 6 | 1.3 | 0.70 | 1.54 |
| 1" | 25 | 4.06 | 103.0 | 1.58 | 40.0 | 3.15 | 80 | 0.31 | 8 | 1.8 | 1.30 | 2.86 |