

## CHECK VALVE ANSI CLASS 800 THREADED END, FORGED STEEL

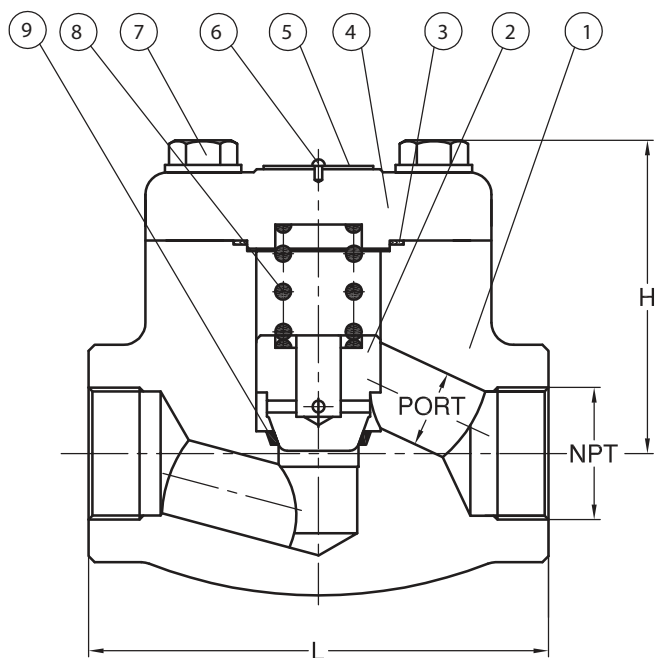


### TECHNICAL SPECIFICATION

SHELL WALL THICKNESS: API 602  
 VALVE DESIGN: API 602  
 THREAD: ASME B1.20.1  
 SOUR SERVICE: NACE MR-0175  
 UNIVERSAL TRIM 8

### TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598  
 NOMINAL PRESSURE: 1980 PSIG  
 SHELL TEST: 2970 PSIG  
 SEAT TEST: 1628 PSIG  
 AIR TEST: 87 PSIG



### MATERIAL LIST

|   |           |                    |
|---|-----------|--------------------|
| 1 | BODY      | ASTM A-105N        |
| 2 | DISC      | ASTM A-276 Gr. 420 |
| 3 | BODY SEAL | SS304+GRAPHITE     |
| 4 | COVER     | ASTM A-105N        |
| 5 | NAMEPLATE | ALUMINIUM          |
| 6 | RIVET     | SS304              |
| 7 | BODY BOLT | ASTM A-193 Gr. B7  |
| 8 | SPRING    | SS304              |
| 9 | SEAT      | ASTM A-105+STL#6   |

### DIMENSIONS & WEIGHT'S

| FIGURE   | SIZE   |      | PORT | L    | H    | G    | NPT    | WEIGHT (KG) | CRACKING PRESSURE (PSI) |
|----------|--------|------|------|------|------|------|--------|-------------|-------------------------|
| 2828T-02 | 1/4"   | DN8  | 0.24 | 3.11 | 2.32 | 0.37 | 1/4"   | 1.32        | 7.25                    |
| 2828T-03 | 3/8"   | DN10 | 0.24 | 3.11 | 2.32 | 0.41 | 3/8"   | 1.32        | 7.25                    |
| 2828T-04 | 1/2"   | DN15 | 0.39 | 3.11 | 2.32 | 0.54 | 1/2"   | 1.32        | 7.25                    |
| 2828T-05 | 3/4"   | DN20 | 0.53 | 3.62 | 2.32 | 0.55 | 3/4"   | 1.45        | 7.25                    |
| 2828T-06 | 1"     | DN25 | 0.69 | 4.37 | 2.83 | 0.69 | 1"     | 2.54        | 7.25                    |
| 2828T-07 | 1 1/4" | DN32 | 0.89 | 4.65 | 3.23 | 0.71 | 1 1/4" | 3.27        | 7.25                    |
| 2828T-08 | 1 1/2" | DN40 | 1.13 | 5.51 | 3.39 | 0.72 | 1 1/2" | 3.95        | 7.25                    |
| 2828T-09 | 2"     | DN50 | 1.44 | 6.77 | 4.06 | 0.76 | 2"     | 6.77        | 8.70                    |

\* WEIGHT IS ESTIMATED

\*DIMENSIONS ARE EXPRESSED IN INCHES