

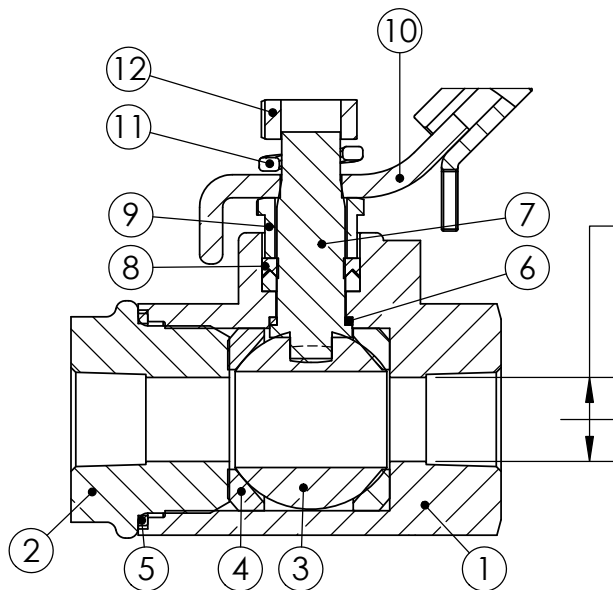
# V1S Series

MEDIA TEMP: -4°F - 392°F

PRESSURE:

1/4 - 1" 2000 WOG

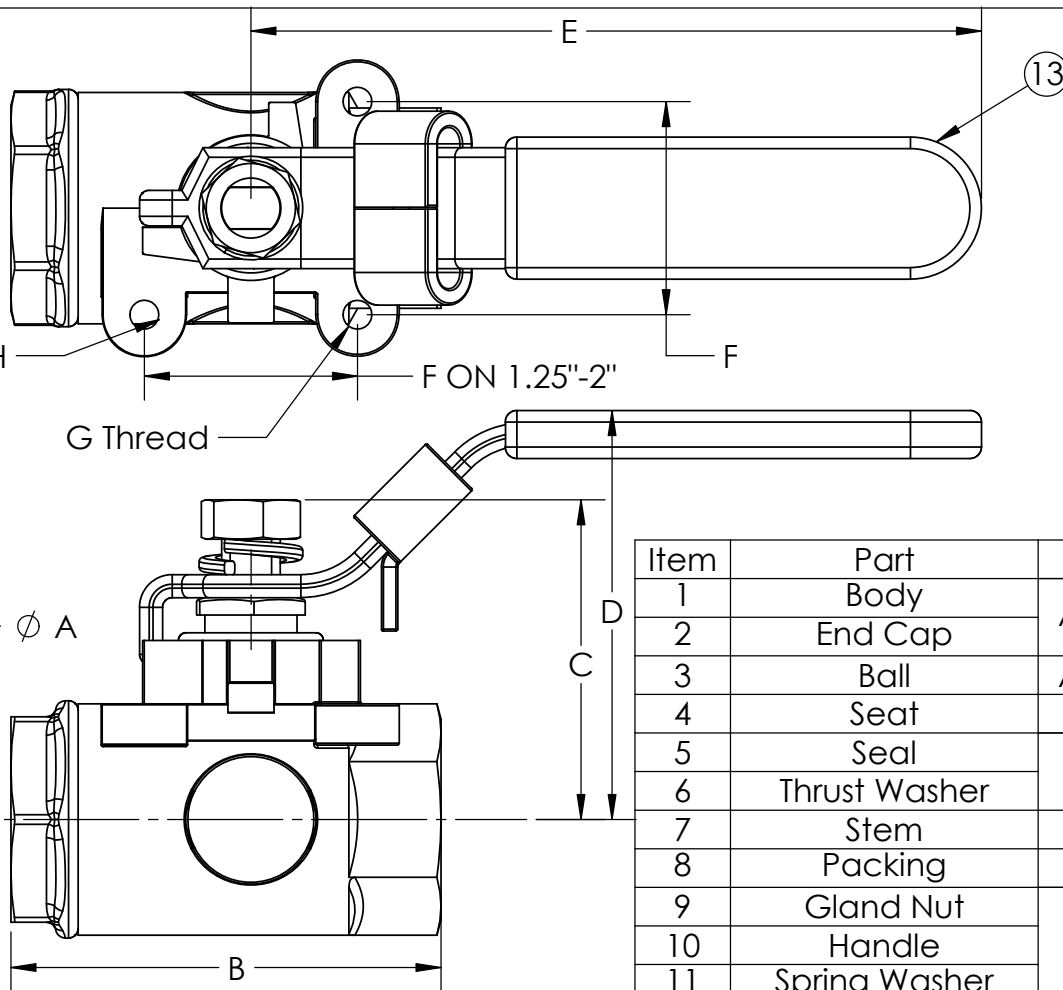
1 1/4 - 2" 1500 WOG



# of Holes H

G Thread

F ON 1.25"-2"



| Item | Part          | Material       |
|------|---------------|----------------|
| 1    | Body          | ASTM A351-CF8M |
| 2    | End Cap       |                |
| 3    | Ball          | ASTM A351-CF8M |
| 4    | Seat          | RTFE           |
| 5    | Seal          | PTFE           |
| 6    | Thrust Washer |                |
| 7    | Stem          | ASM A276-316   |
| 8    | Packing       | PTFE           |
| 9    | Gland Nut     | AISI 304       |
| 10   | Handle        |                |
| 11   | Spring Washer |                |
| 12   | Nut           | PVC            |
| 13   | Sleeve        |                |

| Model           | Size  | A    | B    | C    | D    | E    | F    | Cv  | G          | H |
|-----------------|-------|------|------|------|------|------|------|-----|------------|---|
| V1S2.A90P 1/4   | 1/4   | 0.44 | 2.24 | 1.65 | 2.06 | 4.45 | 1.11 | 6   | 10-24 UNC  | 2 |
| V1S2.A90P 3/8   | 3/8   | 0.50 | 2.24 | 1.65 | 2.06 | 4.45 | 1.11 | 9   | 10-24 UNC  | 2 |
| V1S2.A90P 1/2   | 1/2   | 0.50 | 2.35 | 1.65 | 2.06 | 4.45 | 1.11 | 9   | 10-24 UNC  | 2 |
| V1S1.A90P 3/4   | 3/4   | 0.69 | 3.13 | 2.08 | 2.35 | 4.90 | 1.37 | 27  | 10-24 UNC  | 2 |
| V1S1.A90P 1     | 1     | 0.88 | 3.35 | 2.19 | 2.46 | 4.90 | 1.37 | 35  | 10-24 UNC  | 2 |
| V1S1.A90P 1 1/4 | 1 1/4 | 1.00 | 4.06 | 2.90 | 3.36 | 5.57 | 1.40 | 41  | 1/4-20 UNC | 3 |
| V1S1.A90P 1 1/2 | 1 1/2 | 1.25 | 4.37 | 3.09 | 3.55 | 5.57 | 1.40 | 75  | 1/4-20 UNC | 3 |
| V1S1.A90P 2     | 2     | 1.50 | 5.39 | 3.37 | 3.73 | 7.20 | 1.40 | 115 | 1/4-20 UNC | 3 |

## UNCONTROLLED DRAWING

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NO. V1S Series FILE NO. Sub369 DO NOT SCALE

TITLE  
2 Pc. SS Manual Valve

DR MJP DATE 11-30-22 CH'KD MWS DATE 09-17-15 ENGR MWS DATE 09-17-15

