

TC-WL, TC-WT VALVE

3 WAY REDUCED PORT 1000 WOG BALL VALVE, THREADED "L" PORT, "T" PORT



DESIGN FEATURES:

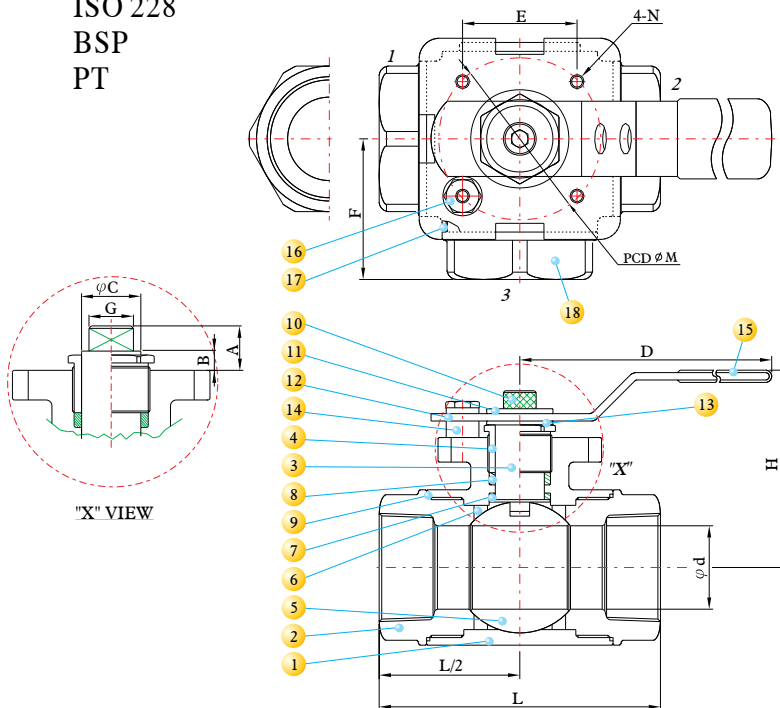
- Steam rating: 150 psi WSP
- Blow-out-proof stem design
- ISO 5211 Actuator Mounting Pad
- Body: ASTM A351 Gr.CF8M
- Ball: SS316
- Stem: SS316
- Seat: Reinforced Teflon
- End Connections: Threaded End
- Working Pressure: 1000 psi
- Temperature Range: -50° to 450° F
- TEST STANDARD: API 598
- Options: Padlocking device
- Threaded Type:

ANSI B1.20.1 (NPT)
DIN 259/DIN 2999
ISO 228
BSP
PT

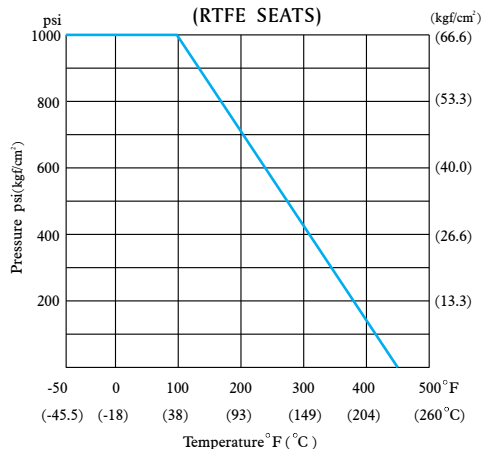
| POSITION | A | B | C | D |
|----------|---|---|---|---|
| L PORT | | | | |
| T PORT | | | | |

MATERIALS LIST

| NO. | PART NAME | MATERIAL | QTY |
|-----|---------------|--------------------|-----|
| 1 | BODY | ASTM A351 Gr.CF8M | 1 |
| 2 | CAP2 | ASTM A351 Gr.CF8M | 2 |
| 3 | STEM | ASTM A276 Gr.316 | 1 |
| 4 | GLAND NUT | SS304 | 1 |
| 5 | BALL | ASTM A351 Gr.CF8M | 1 |
| 6 | SEAT | PTFE+15% G/F | 4 |
| 7 | THRUST WASHER | PTFE | 1 |
| 8 | PACKING | PTFE | 1 |
| 9 | JOINT GASKET1 | PTFE | 2 |
| 10 | STEM BOLT | SS304 | 1 |
| 11 | WASHER | SS304 | 1 |
| 12 | HANDLE | SS304 | 1 |
| 13 | STEM WASHER | SS304 | 1 |
| 14 | SET SCREW | SS304 | 1 |
| 15 | HANDLE SLEEVE | VINYL GRIP | 1 |
| 16 | SET BOLT | SS304 | 1 |
| 17 | JOINT GASKET | PTFE | 1 |
| 18 | CAP1 | ASTM A351 Gr. CF8M | 1 |



PRESSURE TEMPERATURE RATINGS



DIMENSIONS

| SIZE | A | | B | | C | | G | | d | | L | | H | | D | | E | | F | | M | | N | Cv Factor | Weight | | |
|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|------|-------|------|------|------|------|------|----|-----------|--------|------|-------|
| | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | | | Kg | Lb | |
| 1/4" | 8 | 0.42 | 10.7 | 0.22 | 5.7 | 0.47 | 12.0 | 0.35 | 9.0 | 0.43 | 11.0 | 2.73 | 69.4 | 2.46 | 62.5 | 5.25 | 133.4 | 1.18 | 30.0 | 1.40 | 35.5 | 1.65 | 42 | M5*P0.8 | 6 | 0.82 | 1.81 |
| 3/8" | 10 | 0.42 | 10.7 | 0.22 | 5.7 | 0.47 | 12.0 | 0.35 | 9.0 | 0.43 | 11.0 | 2.73 | 69.4 | 2.46 | 62.5 | 5.25 | 133.4 | 1.18 | 30.0 | 1.40 | 35.5 | 1.65 | 42 | M5*P0.8 | 6 | 0.78 | 1.72 |
| 1/2" | 15 | 0.42 | 10.7 | 0.22 | 5.7 | 0.47 | 12.0 | 0.35 | 9.0 | 0.50 | 12.7 | 2.98 | 75.7 | 2.59 | 65.9 | 5.25 | 133.4 | 1.38 | 35.0 | 1.57 | 40.0 | 1.65 | 42 | M5*P0.8 | 12 | 0.74 | 1.63 |
| 3/4" | 20 | 0.43 | 10.9 | 0.15 | 3.9 | 0.59 | 15.0 | 0.43 | 11.0 | 0.63 | 16.0 | 3.40 | 86.6 | 3.34 | 84.9 | 7.03 | 178.5 | 1.38 | 35.0 | 1.65 | 42.0 | 1.97 | 50 | M6*P1.0 | 16 | 1.18 | 2.60 |
| 1" | 25 | 0.79 | 20.0 | 0.33 | 8.5 | 0.59 | 15.0 | 0.43 | 11.0 | 0.79 | 20.0 | 4.03 | 102.4 | 3.49 | 88.7 | 7.03 | 178.5 | 1.38 | 35.0 | 1.73 | 44.0 | 1.97 | 50 | M6*P1.0 | 20 | 1.70 | 3.74 |
| 1 1/4" | 32 | 0.92 | 23.4 | 0.31 | 7.9 | 0.59 | 15.0 | 0.43 | 11.0 | 0.98 | 25.0 | 4.65 | 118.2 | 3.30 | 83.9 | 8.26 | 209.9 | 1.38 | 35.0 | 1.81 | 46.0 | 1.97 | 50 | M6*P1.0 | 37 | 2.82 | 6.21 |
| 1 1/2" | 40 | 1.01 | 25.8 | 0.41 | 10.3 | 0.59 | 15.0 | 0.43 | 11.0 | 1.26 | 32.0 | 4.95 | 125.8 | 4.07 | 103.3 | 8.19 | 208.0 | 1.95 | 49.5 | 2.24 | 57.0 | 2.76 | 70 | M8*P1.25 | 103 | 3.96 | 8.72 |
| 2" | 50 | 1.00 | 25.3 | 0.39 | 9.8 | 0.73 | 18.5 | 0.55 | 14.0 | 1.50 | 38.1 | 5.87 | 149.0 | 4.39 | 111.5 | 9.05 | 229.9 | 1.97 | 50.0 | 2.52 | 64.0 | 2.76 | 70 | M8*P1.25 | 143 | 6.78 | 14.93 |

