

150# MULTI-PORT FLANGED 3 WAY BALL VALVE "L" PORT, "T" PORT

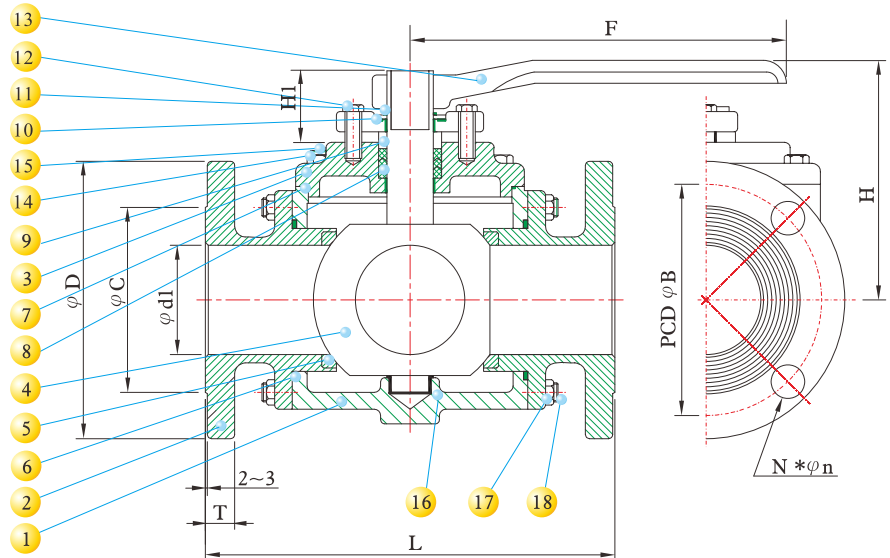
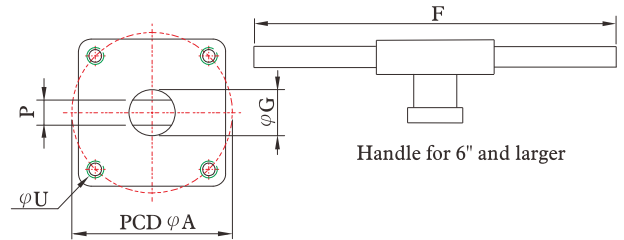


DESIGN FEATURES:

- 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: PTFE
- Temperature Range: -50° to 450° F
- Multiport design
- Flange Dimensions: ANSI B16.5 150 #
- TEST STANDARD: API 598

MATERIALS LIST

| NO. | PART NAME       | MATERIAL          | QTY   |
|-----|-----------------|-------------------|-------|
| 1   | BODY            | ASTM A351 Gr.CF8M | 1     |
| 2   | FLANGED CAP     | ASTM A351 Gr.CF8M | 3     |
| 3   | COVER           | ASTM A351 Gr.CF8M | 1     |
| 4   | BALL & STEM     | SS316             | 1     |
| 5   | BALL SEAT       | PTFE              | 3     |
| 6   | JOINT GASKET    | PTFE              | 3     |
| 7   | GASKET          | PTFE              | 1     |
| 8   | STEM PACKING    | PTFE              | 1     |
| 9   | GLAND           | ASTM A351 Gr.CF8  | 1     |
| 10  | STOPPER         | SS304             | 1     |
| 11  | C RETAINER RING | SK7               | 1     |
| 12  | BOLT            | ASTM A193 B8      | 2     |
| 13  | HANDLE          | FCD45             | 1     |
| 14  | BOLT            | ASTM A193 B8      | 4~12  |
| 15  | NUT             | ASTM A194 8       | 4~12  |
| 16  | SLEEVE          | PTFE              | 1     |
| 17  | STUD BOLT       | ASTM A193 B8      | 12~24 |
| 18  | NUT             | ASTM A194 8       | 12~24 |



DIMENSIONS

| SIZE   | A   |      | B   |      | C     |      | D   |       | d1  |      | G   |      | H    |       | H1  |      |      |
|--------|-----|------|-----|------|-------|------|-----|-------|-----|------|-----|------|------|-------|-----|------|------|
| inch   | mm  | inch | mm  | inch | mm    | inch | mm  | inch  | mm  | inch | mm  | inch | mm   | inch  | mm  |      |      |
| 2"     | 50  | 2.76 | 70  | 4.74 | 120.5 | 3.62 | 92  | 5.98  | 152 | 1.97 | 50  | 0.87 | 22.0 | 4.80  | 122 | 1.69 | 43.0 |
| 2 1/2" | 50  | 2.76 | 70  | 5.49 | 139.5 | 4.13 | 105 | 7.00  | 178 | 2.60 | 66  | 1.16 | 29.5 | 6.42  | 163 | 2.68 | 68.0 |
| 3"     | 80  | 4.02 | 102 | 6.00 | 152.5 | 5.00 | 127 | 7.48  | 190 | 2.99 | 76  | 1.16 | 29.5 | 6.88  | 175 | 3.05 | 77.5 |
| 4"     | 100 | 4.92 | 125 | 7.50 | 190.5 | 6.18 | 157 | 9.01  | 229 | 3.98 | 101 | 1.34 | 34.0 | 8.46  | 215 | 3.17 | 80.5 |
| 6"     | 150 | 4.92 | 125 | 9.51 | 241.5 | 8.50 | 216 | 10.98 | 279 | 5.94 | 151 | 1.77 | 45.0 | 10.08 | 256 | 3.27 | 83.0 |

| SIZE   | L   |       | T   |      | N    | n  |      | P  |      | F  |       | U    | ISO5211  | Cv Factor | Weight |     |       |
|--------|-----|-------|-----|------|------|----|------|----|------|----|-------|------|----------|-----------|--------|-----|-------|
| inch   | mm  | inch  | mm  | inch |      | mm | inch | mm | inch | mm | Kg    |      |          |           | Lb     |     |       |
| 2"     | 50  | 8.66  | 220 | 0.63 | 15.9 | 4  | 0.75 | 19 | 0.67 | 17 | 11.61 | 295  | 3/8"-16  | F07       | 500    | 16  | 35.2  |
| 2 1/2" | 50  | 11.10 | 282 | 0.69 | 17.5 | 4  | 0.75 | 19 | 0.67 | 17 | 11.61 | 295  | 7/16"-14 | F10       | 850    | 17  | 37.4  |
| 3"     | 80  | 11.26 | 286 | 0.75 | 19.1 | 4  | 0.75 | 19 | 0.67 | 17 | 15.43 | 392  | 7/16"-14 | F10       | 1150   | 34  | 74.9  |
| 4"     | 100 | 13.11 | 333 | 0.94 | 23.9 | 8  | 0.75 | 19 | 0.91 | 23 | 20.87 | 530  | 1/2"-12  | F12       | 2120   | 55  | 121.2 |
| 6"     | 150 | 16.93 | 430 | 1.00 | 25.4 | 8  | 0.87 | 22 | 1.38 | 35 | 40.16 | 1020 | 1/2"-12  | F12       | 5100   | 136 | 299.6 |

PRESSURE TEMPERATURE RATINGS

