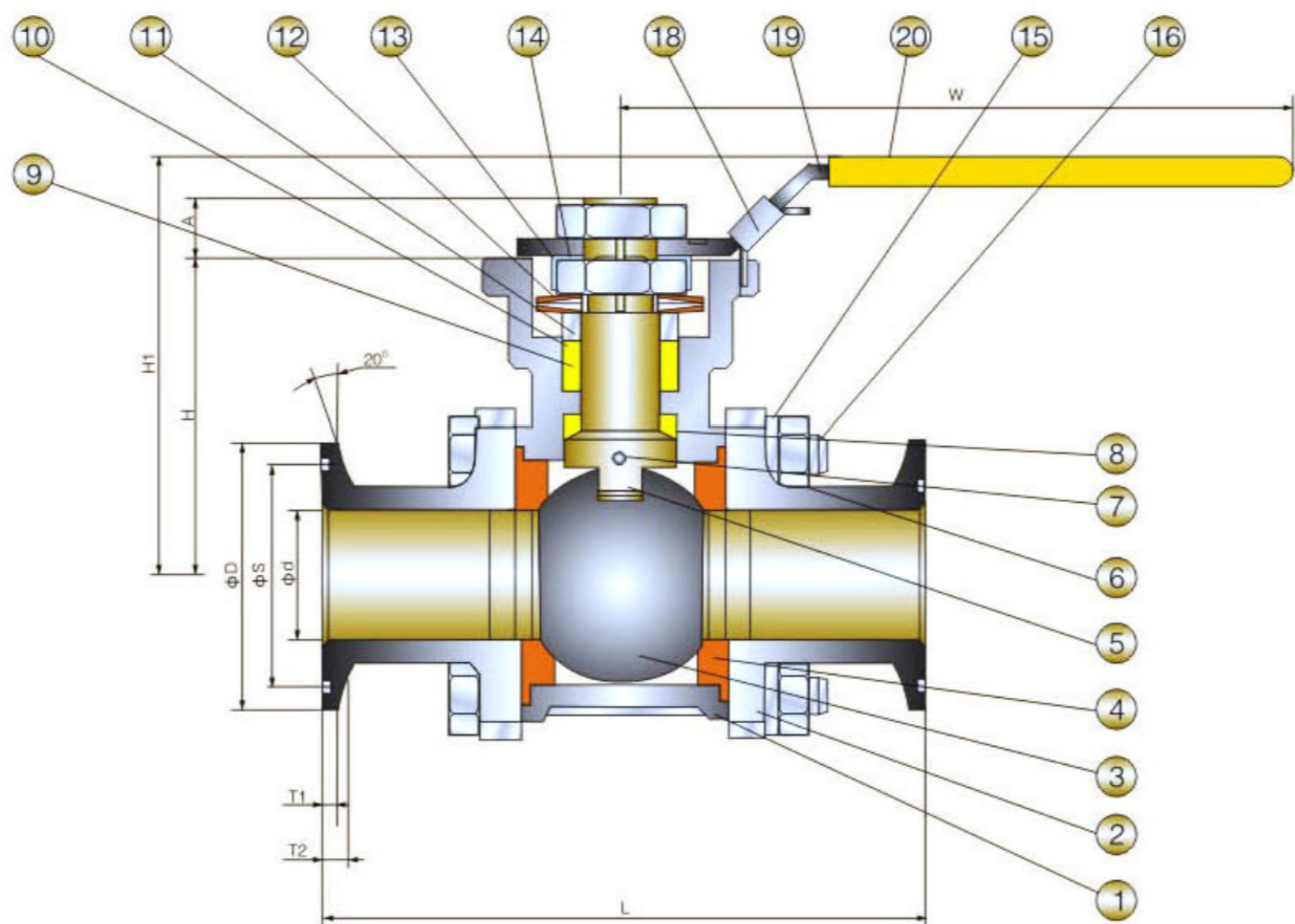
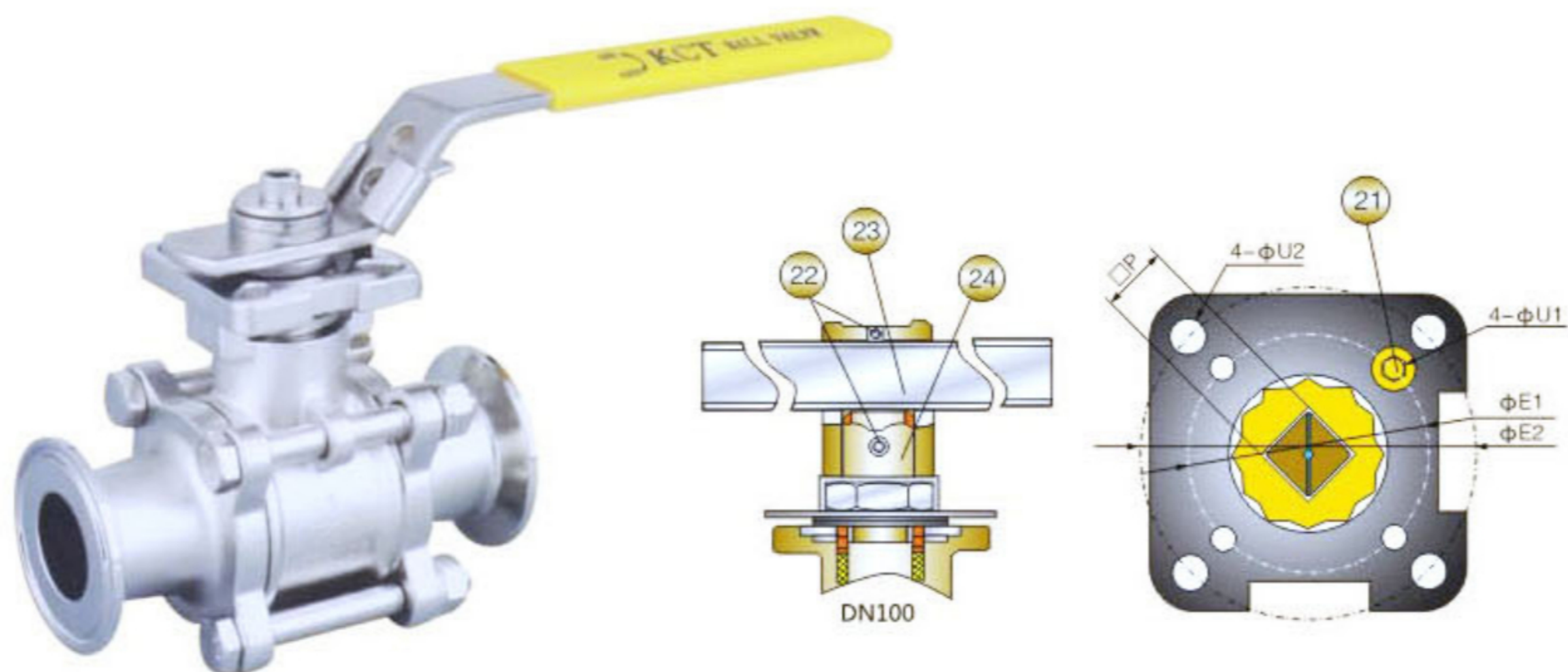
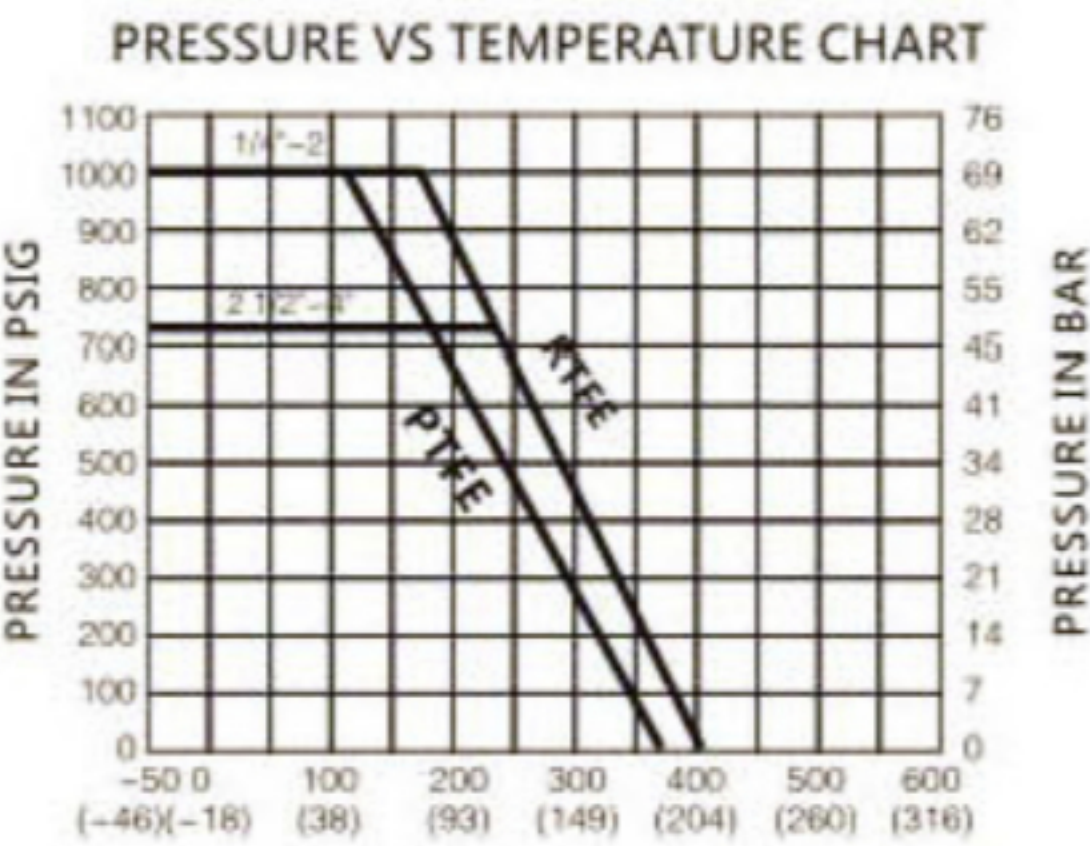




| SIZE   | φd    | PORT | L   | H     | H1    | φE1  | φE2   | P    | φU1 | φU2  | A    | W     | φD    | φS    | T1   | T2   |
|--------|-------|------|-----|-------|-------|------|-------|------|-----|------|------|-------|-------|-------|------|------|
| 1/2"   | 15.0  | 9.6  | 90  | 42.0  | 72.0  | 36.0 | 42.0  | 9.0  | 6.0 | 6.0  | 8.0  | 135.0 | 50.4  | 50.4  | 2.85 | 3.63 |
| 3/4"   | 20.0  | 15.9 | 102 | 48.5  | 80.0  | 36.0 | 42.0  | 9.0  | 6.0 | 6.0  | 9.0  | 135.0 | 50.4  | 50.4  | 2.85 | 3.63 |
| 1"     | 25.0  | 22.2 | 114 | 58.5  | 90.0  | 42.0 | 50.0  | 11.0 | 6.0 | 7.0  | 11.0 | 170.0 | 50.4  | 43.6  | 2.85 | 4.75 |
| 1-1/4" | 32.0  | 28.5 | 134 | 63.0  | 95.0  | 42.0 | 50.0  | 11.0 | 6.0 | 7.0  | 11.0 | 170.0 | 50.4  | 43.6  | 2.85 | 4.75 |
| 1-1/2" | 38.0  | 34.9 | 142 | 71.0  | 106.0 | 50.0 | 70.0  | 14.0 | 7.0 | 9.0  | 14.0 | 200.0 | 50.4  | 43.6  | 2.85 | -    |
| 2"     | 49.0  | 47.5 | 158 | 78.0  | 113.0 | 50.0 | 70.0  | 14.0 | 7.0 | 9.0  | 14.0 | 200.0 | 63.9  | 56.3  | 2.85 | -    |
| 2-1/2" | 65.0  | 60.5 | 190 | 100.0 | 149.0 | 70.0 | 102.0 | 17.0 | 9.0 | 11.0 | 17.0 | 300.0 | 77.4  | 70.6  | 2.85 | -    |
| 3"     | 78.0  | 72.9 | 205 | 109.0 | 159.0 | 70.0 | 102.0 | 17.0 | 9.0 | 11.0 | 17.0 | 300.0 | 89.0  | 83.3  | 2.85 | -    |
| 4"     | 100.0 | 97.4 | 270 | 140.0 | 205.0 | -    | 102.0 | 12.0 | -   | 11.0 | 22.0 | 400.0 | 118.9 | 110.3 | 2.85 | -    |

TEMPERATURE CHART



MAIN PARTS AND MATERIALS

| NO. | Parts description | Material                 |     |         |
|-----|-------------------|--------------------------|-----|---------|
| 1   | Body              | CF8M                     | CF8 | WC8     |
| 2   | Cap               | CF8M                     | CF8 | WC8     |
| 3   | Ball body         | 316                      | 304 |         |
| 4   | Seat              | PTFE, PPL                |     |         |
| 5   | Stem              | A193-B8                  |     | A193-B7 |
| 6   | Nut               | 316                      | 304 | 2Cr13   |
| 7   | Anti-Static       | 304                      |     |         |
| 8   | Thrust Washer     | PTFE                     |     |         |
| 9   | Packing           | PTFE                     |     |         |
| 10  | Transition Washer | RPTFE, Flexible graphite |     |         |
| 11  | Packing ring      | 304                      |     |         |
| 12  | Bellivel Washer   | 304                      |     |         |
| 13  | Nut               | 304                      |     |         |
| 14  | Stop-lock cap     | 304                      |     |         |
| 15  | Bolt Washer       | 304                      |     |         |
| 16  | Bolt Nut          | 304                      |     |         |
| 17  | Handle Nut        | 304                      |     |         |
| 18  | Lock Device       | 304                      |     |         |
| 19  | Handle            | 304                      |     |         |
| 20  | Handle sleeve     | Plastics                 |     |         |
| 21  | Stop bolt         | 304                      |     |         |
| 22  | Set Screwed       | 304                      |     |         |
| 23  | Handle            | 304                      |     |         |
| 24  | Handle Adapter    | CF8                      |     |         |

SPECIFICATIONS

Working Pressure: 1000PSI  
Temperature Range: -20 ~ 300℃  
Suitable medium: Water, oil, air and some  
Corrsive liquid