

TWO-PIECE BALL VALVE BC32 SERIES

– JIS 10K Flange End – With Mounting Pad

Technical Data

- ISO 5211 Mounting Pad
- Blow-Out proof stem/full port
- Investment Casting Body
- Lever operated & Gear operated

Face to Face Dimension: JIS B2002

End Flange Dimension: JIS B2220

Design: ANSI B16.34

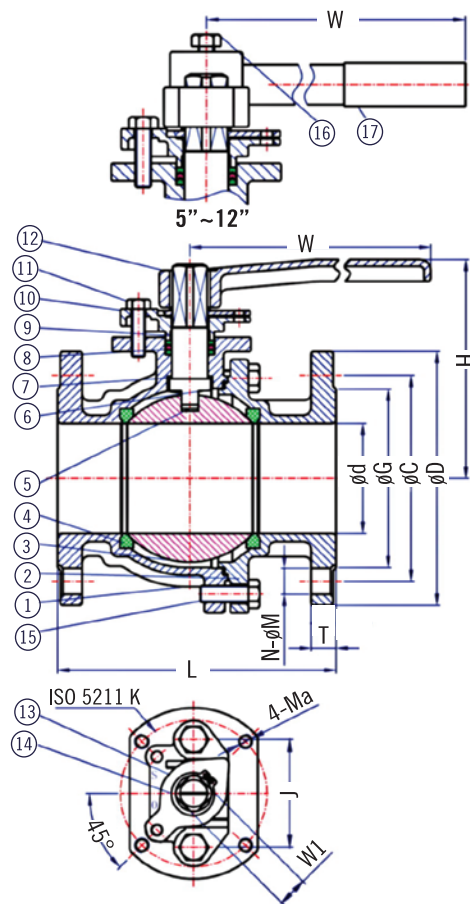
Valves inspected and tested according to JIS B2003 standard

Test Pressure

| | | |
|------------------|----------|-------------------------|
| SHELL (by water) | | 2.1 MPa |
| | | 21.5 kg/cm ² |
| SEAT | BY WATER | 1.6 MPa |
| | | 16.5 kg/cm ² |
| | BY AIR | 0.6 MPa |
| | | 6 kg/cm ² |



Dimensions



unit=mm

| Size | d | D | C | G | T | | N-ØM | L | H | W | W1 | J | ISO 5211 | K | Ma | Max. TORQUE (Inch/Lbs) |
|------|-----|-----|-----|-----|----|-----|--------|-----|-----|------|----|-----|----------|-----|-----|------------------------|
| | | | | | FC | SUS | | | | | | | | | | |
| 5" | 125 | 250 | 210 | 182 | 24 | 20 | 8-Ø23 | 300 | 224 | 750 | 24 | 89 | F12 | 125 | M12 | 1505 |
| 6" | 150 | 280 | 240 | 212 | 26 | 22 | 8-Ø23 | 340 | 247 | 750 | 24 | 89 | F12 | 125 | M12 | 2390 |
| 8" | 200 | 330 | 290 | 262 | 26 | 22 | 12-Ø23 | 450 | 305 | 1000 | 32 | 100 | F12 | 125 | M12 | 3363 |
| 10" | 250 | 400 | 355 | 324 | 30 | 24 | 12-Ø25 | 530 | 327 | 1000 | 32 | 100 | F14 | 140 | M16 | 4425 |
| 12" | 300 | 445 | 400 | 368 | 32 | 24 | 16-Ø25 | 610 | 355 | 1000 | 32 | 100 | F14 | 140 | M16 | 5753 |

Parts List & Material

| Item | Parts Name | Material | | | |
|------|---------------|----------|-------|-------|-------|
| | | FC20 | WCB | SCS13 | SCS14 |
| 1 | Body | FC20 | WCB | SCS13 | SCS14 |
| 2 | Cap | FC20 | WCB | SCS13 | SCS14 |
| 3 | Ball | SCS13 | SCS13 | SCS13 | SCS14 |
| 4 | Seat | PTFE | | | |
| 5 | Stem | SS304 | SS304 | SS304 | SS316 |
| 6 | Gasket | PTFE | | | |
| 7 | Thrust Washer | PTFE | | | |
| 8 | Packing | PTFE | | | |
| 9 | Stem Packing | PTFE | | | |
| 10 | Gland | SCS13 | | | |
| 11 | Gland Bolt | SS304 | | | |
| 12 | Handle | WCB | | | |
| 13 | Stopper | SS304 | | | |
| 14 | Snap Ring | SS304 | | | |
| 15 | Bolt | SS304 | | | |
| 16 | Handle Bolt | SS304 | | | |
| 17 | Plastic Cover | Plastic | | | |

Ordering Information

| BC32 | Code | Material |
|------|-------------|--|
| ↓ | 1 | Cast Iron / A126 Gr-FC20 |
| | 2 | Carbon Steel- WCB |
| | 3 | Stainless Steel 304 / SCS13 |
| | 4 | Stainless Steel 316 / SCS14 |
| ↓ | Code | Connection Size (Flange rating JIS 10K) |
| | | (A) 5" (B) 6" (C) 8" (D) 10" (E) 12" |
| BC32 | | Complete Ordering Code |