

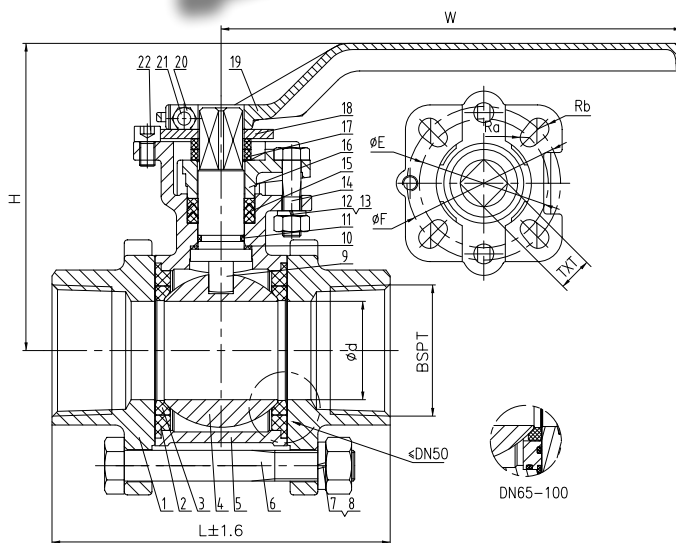
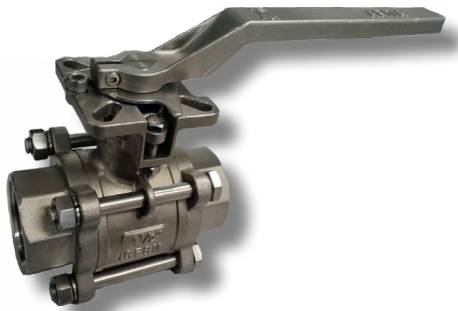
## ARITA STAINLESS STEEL BALL VALVE

**FULL PORT 3-PC BODY BALL VALVE 1000 W.O.G. (Mounting Pad)**

ARV-100SE-3PC

**SPECIFICATIONS**

- Screwed end : BSPT (optional NPT)
- Design Standard : ASME B16.34
- Blow out proof design
- ISO 5211 mounting pad
- Inspection and Test : API 598
- Applicable Media : W.O.G.
- Applicable Temperature : -29 ~ 180 °C

**DIMENSION**

| Size |       | L   | d    | BSPT  | W   | H    | E  | F   | a   | b   | TXT     | Weight (Kg) |
|------|-------|-----|------|-------|-----|------|----|-----|-----|-----|---------|-------------|
| DN   | Inch  |     |      |       |     |      |    |     |     |     |         |             |
| 15   | 1/2   | 75  | 15   | 1/2   | 130 | 81.5 | 36 | 42  | 3   | 3   | 9 x 9   | 0.67        |
| 20   | 3/4   | 80  | 19.5 | 3/4   | 130 | 81.5 | 36 | 42  | 3   | 3   | 9 x 9   | 0.67        |
| 25   | 1     | 90  | 25   | 1     | 150 | 84   | 42 | 50  | 3   | 3.5 | 11 x 11 | 0.94        |
| 32   | 1-1/4 | 110 | 32   | 1-1/4 | 150 | 90.5 | 42 | 50  | 3   | 3.5 | 11 x 11 | 1.50        |
| 40   | 1-1/2 | 120 | 38   | 1-1/2 | 200 | 100  | 50 | 70  | 3.5 | 4.5 | 14 x 14 | 2.04        |
| 50   | 2     | 140 | 49   | 2     | 200 | 118  | 50 | 70  | 3.5 | 4.5 | 14 x 14 | 3.08        |
| 65   | 2-1/2 | 160 | 64   | 2-1/2 | 240 | 138  | 70 | 70  | 4.5 | 4.5 | 14 x 14 | 5.65        |
| 80   | 3     | 180 | 77   | 3     | 270 | 165  | 70 | 102 | 4.5 | 5.5 | 17 x 17 | 8.05        |
| 100  | 4     | 215 | 99   | 4     | 320 | 207  | 70 | 102 | 4.5 | 5.5 | 22 x 22 | 12.95       |

**STANDARD COMPONENT MATERIAL**

| NO | DESCRIPTION     | QTY. | MATERIAL        |
|----|-----------------|------|-----------------|
| 1  | Bonnet          | 2    | SS 304 / SS 316 |
| 2  | Gasket          | 2    | RPTFE           |
| 3  | Seat            | 2    | RPTFE           |
| 4  | Ball            | 1    | SS 304 / SS 316 |
| 5  | Body            | 1    | SS 304 / SS 316 |
| 6  | Hex Bolt        | 4    | Stainless Steel |
| 7  | Spring Washer   | 4    | Stainless Steel |
| 8  | Nut             | 4    | Stainless Steel |
| 9  | Stem            | 1    | SS 304 / SS 316 |
| 10 | Stem Washer     | 1    | RPTFE           |
| 11 | O-Ring          | 1    | Viton           |
| 12 | Spring Washer   | 2    | Stainless Steel |
| 13 | Nut             | 2    | Stainless Steel |
| 14 | Hex Bolt        | 2    | Stainless Steel |
| 15 | Packing         | 1    | RPTFE           |
| 16 | Gland           | 1    | Stainless Steel |
| 17 | Handle Washer   | 1    | PVC             |
| 18 | Stop Plate      | 1    | Stainless Steel |
| 19 | Handle          | 1    | Stainless Steel |
| 20 | Hex Socket Bolt | 1    | Stainless Steel |
| 21 | Nut             | 1    | Stainless Steel |
| 22 | Hex Socket Bolt | 1    | Stainless Steel |

**TEST PRESSURE**

|                                 |   |                     |
|---------------------------------|---|---------------------|
| Nominal Pressure                | : | 1000 Psi (6.9 MPa)  |
| Hydrostatic Shell Test Pressure | : | 1500 Psi (10.4 MPa) |
| Hydrostatic Seat Test Pressure  | : | 1100 Psi (7.6 MPa)  |
| Gas Seat Test Pressure          | : | 90 Psi (0.6 MPa)    |