

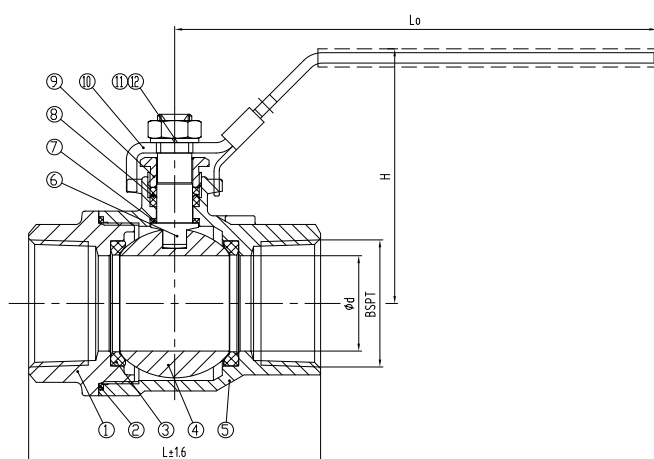
## ARITA STAINLESS STEEL BALL VALVE

**FULL PORT 2-PC BODY BALL VALVE 1000 W.O.G. (BSPT)**

ARV-100SE-2PC

**SPECIFICATIONS**

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

**STANDARD COMPONENT MATERIAL**

| NO | DESCRIPTION   | QTY. | MATERIAL        |
|----|---------------|------|-----------------|
| 1  | Bonnet        | 1    | SS 304 / SS 316 |
| 2  | Gasket        | 1    | RPTFE           |
| 3  | Seat          | 2    | RPTFE           |
| 4  | Ball          | 1    | SS 304 / SS 316 |
| 5  | Body          | 1    | SS 304 / SS 316 |
| 6  | Stem          | 1    | SS 304 / SS 316 |
| 7  | Stem Washer   | 1    | RPTFE           |
| 8  | Packing       | 1    | RPTFE           |
| 9  | Gland         | 1    | Stainless Steel |
| 10 | Handle        | 1    | Stainless Steel |
| 11 | Spring Washer | 1    | Stainless Steel |
| 12 | Nut           | 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)    |

**DIMENSION TABLE (MM)**

| Size |       | L     | d    | BSPT  | Lo  | H     | Weight (Kg) |
|------|-------|-------|------|-------|-----|-------|-------------|
| DN   | Inch  |       |      |       |     |       |             |
| 8    | 1/4   | 55    | 10   | 1/4   | 95  | 47    | 0.24        |
| 10   | 3/8   | 60    | 10   | 3/8   | 95  | 47    | 0.23        |
| 15   | 1/2   | 63    | 15   | 1/2   | 105 | 54    | 0.30        |
| 20   | 3/4   | 73    | 19.5 | 3/4   | 120 | 65.5  | 0.52        |
| 25   | 1     | 84    | 25   | 1     | 140 | 72    | 0.76        |
| 32   | 1-1/4 | 98    | 32   | 1-1/4 | 150 | 81    | 1.16        |
| 40   | 1-1/2 | 105.5 | 38   | 1-1/2 | 170 | 96    | 1.58        |
| 50   | 2     | 120.5 | 49   | 2     | 185 | 105   | 2.35        |
| 65   | 2-1/2 | 152   | 64   | 2-1/2 | 220 | 118   | 3.90        |
| 80   | 3     | 170.5 | 77   | 3     | 270 | 134.5 | 6.00        |
| 100  | 4     | 204   | 99   | 4     | 330 | 167   | 9.76        |