

2pc Flanged ball valve with ISO5211 DIRECT MOUNTING PAD

Technical Details

- ⇒ ISO5211 Direct mounting pad
- ⇒ Full sillcasol technology
- ⇒ Material: Stainless steel 304CFB/316CF8M, 304L, 316L, Carbon steel WCB
- ⇒ Valve seat: PTFE or metal seat (according to requirements), PPL, RPTFE
- ⇒ Operation: Lever, Worm gear, and Pneumatic. Electronic (by customers requirements)
- ⇒ Options: Locking device
- ⇒ Size: 15mm to 200mm (½ inch to 8 inch)
- ⇒ Pressure class: 10 bar to 20 bar (150LB to 300LB)



Design Features:

- ⇒ Built-in ISO 5211 Direct Mounting Pad for easy Automation
- ⇒ Fire Safe Design and Construction
- ⇒ Anti-static Devices for Ball-Stem body
- ⇒ Blow-out proof stem
- ⇒ Double Stem Sealing to Company with TA-LUFT Requirements
- ⇒ Pre-Load 2 Belleville Washer to Self-adjust Packing

Applicable standards:

- ⇒ Design & Manufacture Std.: AP1608, ASME B16.34, AP16D, BS5351, DIN3357/1, 2EN12516-1
- ⇒ Face to Face Std.: ASME B16.10 (JIS B2002), API 6D, DIN3202, ASME B16.25
- ⇒ End Connection Std.: ASME B16.5, ASME B16.47, JIS B2212-JIS B2214, DIN2542-2545, EN1092, ASME B16.34
- ⇒ Test Standard: ISO5208, API598 (JIS B2003), API 6D, BS6755
- ⇒ Fire Safe: API 607 4th 1993

R.M.V. Valves & Engineered Products

PO Box 25775

Benoni North

1527

South Africa

☎ +27(0)76 481-7117 ✦ 📠 +27(0)86 603-7651

Web: www.rolandvere.com

Cast Steel Trunnion Mounted Ball Valve

Technical Details

Construction and features:

- ⇒ Trunnion mounted, Fire safety, Anti-static device, Stem anti-blow-out device, Double block and bleed, Sealant injection in seat and stem area.

Normal diameter or bore:

- ⇒ NPS 2" - NPS 48", DN25— DN1200, 25A—900A

Normal pressure or rating:

- ⇒ Class 150— Class 2500, JIS 10K— 30K, PN 10—PN 160

Material:

- ⇒ WCB, WCC, LCB, CF8, CF3, CF3M, CF8M.

Design & manufacture:

- ⇒ API 6D, API 608, ASME B16.34, ANSI/AWWA C507, MSS SP-72, BS 5351(EN ISO17292), NACE MR0175.

Face to Face dimension:

- ⇒ API 6D, ASME B16.10, ISO 5753, EN 558, BS 12982, JIS B2002.

Connection Ends:

- ⇒ ASME B16.5, ASME B16.47, API 605, MSS SP-44, JIS B2220, ISO 7005-1, BS EN 1092, BS 12627, ASME B16.25, ASME B36.10M.



R.M.V. Valves & Engineered Products

PO Box 25775

Benoni North

1527

South Africa

Brass Ball Valve

Technical Details



- ⇒ Nominal pressure: 1.6Mpa
- ⇒ Working medium: Water, Oil, Steam
- ⇒ Working temperature: -20C to 150C
- ⇒ Pipe thread: to ISO228
- ⇒ Nickel plated or Brass
- ⇒ After assembling: Hydrostatic pressure tested at no less than 0.6Mpa, no leakage (Brass body)
- ⇒ Size: 15mm—200mm (½ inch to 4 inch)

R.M.V. Valves & Engineered Products

PO Box 25775

Benoni North

1527

South Africa

3pc Ball Valve

Technical Details

Size Range: NPS ½" - 3"

Pressure Range: 1000WOG

Material: A105, CF8, SS304, SS316, F11, F22, etc.



Design and manufacture standard: AP16D, AP1602, ANSI B16.34.

Face to Face standard: ASME B16.10.

End connection standard: ASME B16.11, ASME B1.20.1, ASME B16.5, ASME B16.47, DIN2543-2551

Test standard: ISO5208, API 598, BS 6755.

Construction Type: Quick detach type, 3pcs, NPT, BW, SW, etc.

Operation: Handle operation.

R.M.V. Valves & Engineered Products

PO Box 25775

Benoni North

1527

South Africa

Cast Iron Ball Valve

Technical Details

Specification: DN50—DN150

Brief introduction to the product:

G4000M1 is of two-piece type, full bore and cast iron ball valve. It is applicable to HVAC and steam pipelines, and it is featured by stainless steel ball and valve stem.



Pressure and temperature:

- ⇒ Highest working temperature: 178C
- ⇒ Highest working pressure: 1.4Mpa (water), 0.9Mpa (steam)

Materials:

- ⇒ Valve body: Cast iron
- ⇒ Valve stem/ ball: 304 stainless steel
- ⇒ Valve seat: PTFE
- ⇒ Handle: Ductile Iron

R.M.V. Valves & Engineered Products

PO Box 25775

Benoni North

1527

South Africa

Forged Steel Ball Valve

Technical Details

Structural Features:

1. Valve materials exposed to medium are selected according to standard NACE MR 0175 and be heat & surface anti-corrosion treated upon the above standard to meet anti-corrosion requirements for mediums containing H₂S and CO₂
2. The seal material is polymer or metal, excellent seal performance even in high temperature and high pressure circumstances.
3. API 6FA standard fire-proof valve upon customers requirements available.



- * Design standard: AP16D, AP1608
- * Nominal size: 80mm—700mm (1½" - 24")
- * Flange standard: ASME B16.5
- * Pressure class: 10 bar— 100 bar (150 LB.— 1500 LB.)
- * Face to Face standard: ASME B 16.10
- * Available temperature: 550C
- * Test and Inspection standard: AP16D, AP1608.
- * 3-Piece Body, full bore
- * Body material: Forged steel, Stainless steel
- * Application: Refinery, Petroleum, Natural gas, Metallurgy as on/off device

R.M.V. Valves & Engineered Products

PO Box 25775

Benoni North

1527

South Africa

Fully Welded Ball Valve

Technical Details

1 Usage field:

Urban gas, District heating, Water-cycling system of central air-conditioning, heat exchange units, Iron and steel plant and heat supplying pipelines, fuel supplying pipelines, all kinds of industrial equipment.



2 Features:

- 1) Overall welding valve, no external leakage
- 2) The seat of the welding valve; with a carbonation Teflon seal ring and a compensating spring, having a strong ability to adapt to changes of pressure and temperature, never leaking under the permissible of the pressure and temperature rang.
- 3) Stem: Sealed by a replaceable double O-ring, thrust seal of Teflon pad between the stem shoulder and the stem room (automatically sealing when liquid in the pipeline suffers from pressure)
- 4) The valve and the pipeline; the same material, so the stress will not be uneven, there is no damage or deformation due to earth movement or vibrations.
- 5) Anti-aging valve, valves materials

R.M.V. Valves & Engineered Products

PO Box 25775

Benoni North

1527

South Africa

Top Entry Ball Valve

Technical Details

Size less than 1400mm (56 inches)

Bore Dimension API 6D

Temp.& Pressure ASME B16.34, BS5351

Wall Thickness ASME B16.34, BS5351

Face To Face ASME B16.10, API 6D

Flanges Dimensions ASME B 16.5 , MSS.SP-44

Test And Inspection API 598, API 6D, BS 5146

Body Material WCB, WCC, LCC, CF8, CF3, CF3M, CF8M etc.



Main features

1. One-piece valve body, top installed trunnion to fix and support, flanged or butt welded structure.
2. Inconel bellows spring makes the sealed metal seat moving toward the ball, providing the two way seal function of inlet and outlet.
3. Distinctive technology of retractable valve seat, in line replace ability of ball arm, valve stem sealing ring, metal seat and bellows spring, and torque down to the minimum for the ease of operation.

R.M.V. Valves & Engineered Products

PO Box 25775

Benoni North

1527

South Africa