

Our *Stainless Steel Ball-Valve Distribution Manifolds* are designed to complement our established ranges of aluminium and stainless steel distribution manifolds. This is a compact and cost effective solution that reduces the likelihood of leaks.



General Specification

| | |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material: | Manifold blocks: 316 stainless steel with a natural finish |
| | Valve body & ball: 316 stainless steel |
| | Valve handle: 304 stainless steel with red sleeve for BSP Minifold and black sleeve for NPT Minifold |
| | Valve seals: PTFE |
| Operating Pressure/ Temperature : | 60 Bar / 40°C |
| | 40 Bar / 100°C |
| | 25 Bar / 150°C |
| Dimensions (mm): | 4 way: 114 (L) x 175 (W) / 6 way: 172 (L) x 175 (W) / 10 way: 288 (L) x 175 (W) |
| | Width is between ends of handles with the valves open. Two mounting brackets are supplied with each 910 Minifold. Each bracket has 2 x 6.5 diameter holes on the following centres: |
| | 4 way: 99 (L) x 62 (W) / 6 way: 157 (L) x 62 (W) / 10 way: 273 (L) x 62 (W) |
| Process Media: | Air or any clean gas, vapour or liquid which is compatible with the materials of construction. |
| Thread Standards: | BSPT threads to BS21 / NPT threads to ANSI B1.20.1 |
| Locking Valves: | A locking facility allows the valve to be secured in either the fully open or fully closed positions with a padlock. This safety feature prevents system failure or accidents that may result from the operation of a valve that must be kept open or closed. |
| Flow Considerations: | To minimise both output pressure drop and the possibility of output starvation, it is recommended that the inlet thread to the block is larger than the thread on the output valves. i.e. for 1/4" valve outlets use either the 1/2" or 3/4" inlets (preferred), for 1/2" valve outlets use a 3/4" inlet. |
| | Minifolds can be connected in series to provide more ways but it is essential that the largest possible inlet connections are used and if high flow is required, consider providing a supply from both ends of the minifold. |

Main Applications

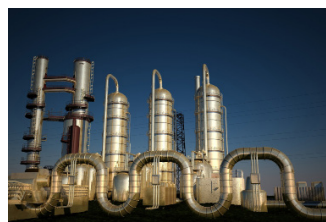
A **world leader** in manifolds, Rototherm has become the standard for accurate and reliable measurement across the following industries:



On/Offshore Environments



Power Stations



Chemical & Petrochemical



Industrial

Ordering Information

| SS Ball Valve Manifold | STANDARD → | 910 | 04 | SDP | 01 | 1414 |
|--------------------------|---------------------------------|-----|----|-----|----|------|
| Model | 910 | 910 | | | | |
| Number of outlets | 4 | | 04 | | | |
| | 6 | | 06 | | | |
| | 10 | | 10 | | | |
| Valve Type & Seal | Standard Valves with PTFE Seals | | | SDP | | |
| | Locking Valves with PTFE Seals | | | LKP | | |
| Valve Outlet Connections | 1/4" BSP.T (Rc1/4) | | | | 01 | |
| | 1/2" BSP.T (Rc1/2) | | | | 14 | |
| | 1/4" NPT INT. | | | | 03 | |
| | 1/2" NPT INT. | | | | 06 | |
| Valve Inlet Connections | 1/2" BSP.T (Rc1/2) | | | | | 1414 |
| | 3/4" BSP.T (Rc3/4) | | | | | 2828 |
| | 1/2" NPT INT. | | | | | 0606 |
| | 3/4" NPT INT. | | | | | 2727 |

For any other options, please contact us sales@rototherm.co.uk or +44 (0)1656 740551

Accessories

| Thread Size | Plug | Barrel-Nipple | Isolation/Drain Valve | Thread Size |
|---------------|------|---------------|-----------------------|-------------------------------------------------------------------------|
| 1/2" BSP.T | P15 | N15 | SDP15 | Valves are Male/Female |
| 3/4" BSP.T | P30 | N30 | SDP30 | A 1/2" isolation valve would be suitable for up to twelve 1/4" outlets. |
| 1/2" NPT INT. | P08 | N08 | SDP08 | A 3/4" isolation valve would be suitable for up to twelve 1/2" outlets. |
| 3/4" NPT INT. | P29 | N29 | SDP29 | |

Technical Certification

- Certificate of conformity
- Material Certificate



Export Documentation

- Certificate of Origin
- EUR1
- ATR