

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

<b>Material:</b>	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
<b>Operating Pressure/ Temperature :</b>	60 Bar / 40°C
	40 Bar / 100°C
	25 Bar / 150°C
<b>Dimensions (mm):</b>	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)
<b>Process Media:</b>	Air or any clean gas, vapour or liquid which is compatible with the materials of construction.
<b>Thread Standards:</b>	BSP.T threads to BS21 / NPT threads to ANSI B1.20.1
<b>Locking Valves:</b>	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.
<b>Flow Considerations:</b>	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 Locking Valves with PTFE Seals			SDP 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](mailto: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