

**SERIES 930****STAINLESS STEEL BALL VALVES**

**HNL IS A U.K. MANUFACTURER**

Designed to provide a long trouble free service these valves which are used on our 910 Series MINIFOLDS are now available as separate items.

■ **CORROSION RESISTANT CONSTRUCTION**

The valve body is machined from a high quality lost wax casting with the provision of a mirror finished drilled ball which rotates between the seals.

Both the valve body and ball are manufactured in 316 stainless steel making them suitable for use with a wide range of process media and in a wide range of environments.

■ **BALL VALVES**

The use of ball valves have a number of advantages when compared to the screw type valves:

Opening and closing of the valve is rapid with just a quarter turn of the handle and the position of the handle readily indicates if the valve is open or closed.

In addition ball valves can be supplied with automatic back-venting or locking facilities.

The colour of the sleeve on the handle indicates the type of thread on the valve, red for BSPT and black for NPT.

■ **COMPREHENSIVE RANGE**

The Series 930 Ball Valves are available with 1/4", 1/2", 3/4" & 1" BSP.T and NPT threads.

Both male-female (reduced bore) and female-female (full bore) versions are available as shown opposite.

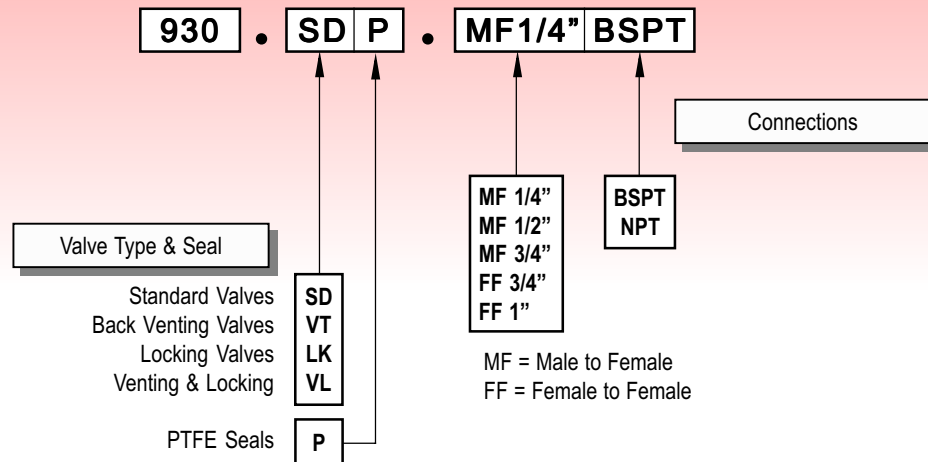
MINIFOLD® is a registered trademark of HNL.

**QUALITY ASSURANCE**

HNL is accredited to  
BS EN ISO 9001:2000.



## CODING:



### Materials:

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

### Maximum Operating Pressure / Temperature:

60 Bar / 40°C

40 Bar / 100°C

25 Bar / 150°C

### Dimensions (mm):

body length x width, approx. bore, handle length

MF 1/4"	47 x 18	5	49
MF 1/2"	59 x 28	9	49
MF 3/4"	63 x 36	12	101
FF 3/4"	76 x 45	22	86
FF 1"	90 x 51	25	121

### Process Media:

Air or any clean gas, vapour or liquid which is compatible with the materials of construction.

### Thread Standards:

BSP.T threads to BS21.

NPT threads to ANSI B1.20.1

### Back Venting Valves:

These allow automatic back venting of the output pressure to atmosphere on valve closure.

### Locking Valves:

A locking facility can be provided by means of a torx screw on the valve handle which allows the valve to be secured in both the fully open and fully closed positions.

### Flow Considerations:

The Male to Female valve has a reduced bore, so for high flow applications the full bore Female to Female valve is recommended.

### Instruments & Controls

Pressure, DP and Temperature Switches & Transmitters. Rotary and linear positioners. Flow regulators & Bubblers. Control Systems.

### Precision Machining

Turning, Milling, Drilling, Tapping, Sawing, Welding, Painting, Anodising. From small to large batch sizes in a wide range of materials.

### Manifolds & Valves

Wide range of distribution manifolds in both anodised aluminium and stainless steel. Stainless steel ball valves.

The information contained in this data sheet may be changed without notice.