



# HYDRAULIC MEGASTORE

Serving the Hydraulics Industry Worldwide

## BVC-3 SERIES

## 3 WAY HIGH PRESSURE

## BALL VALVES

Holmbury BVC-3 ball valves are designed to suit a wide range of applications including mobile plant and industrial equipment.

These valves should not be used as flow control valves and should therefore always be fully open or fully closed.

### FEATURES

-Full bore valves provide an unrestricted flow path for negligible pressure drop.

-Floating ball on pre-compressed seals minimises wear and provides an excellent seal at positive and negative pressures.

-Operating temperatures from -20°C to +100°C.

-Open to close in 1/4 turn (90°).

-Cranked handles are incorporated to provide good clearance for the operator's hands.

### ORDER CODES

**BVC-3 - 06 - 04 G - L - 1 - 1**

**Ball valve**  
3 way

**Body Size:**

06	25
10	32
12	40
19	50

**Thread Size (dash system)**

04 = 1/4"	16 = 1"
06 = 3/8"	20 = 1 1/4"
08 = 1/2"	24 = 1 1/2"
12 = 3/4"	32 = 2"

**Thread Form:**

G = BSP P, N = NPT, S = SAE

**Port options:**

L = L Ports, T = T Ports

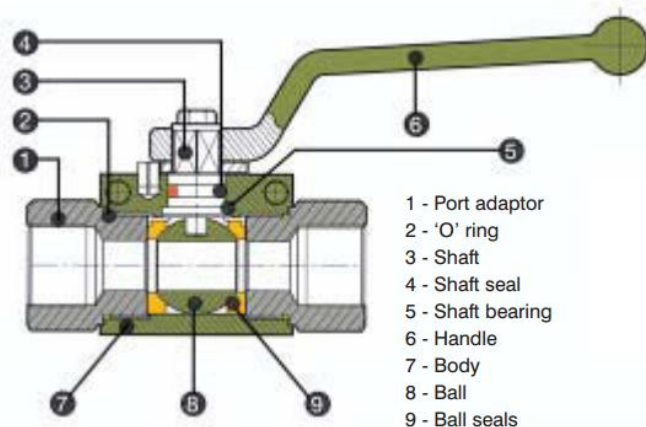
**Ball Seals**

1 = DELRIN, 2 = PTFE

**Shaft seals**

1 = Nitrile, 2 = Viton

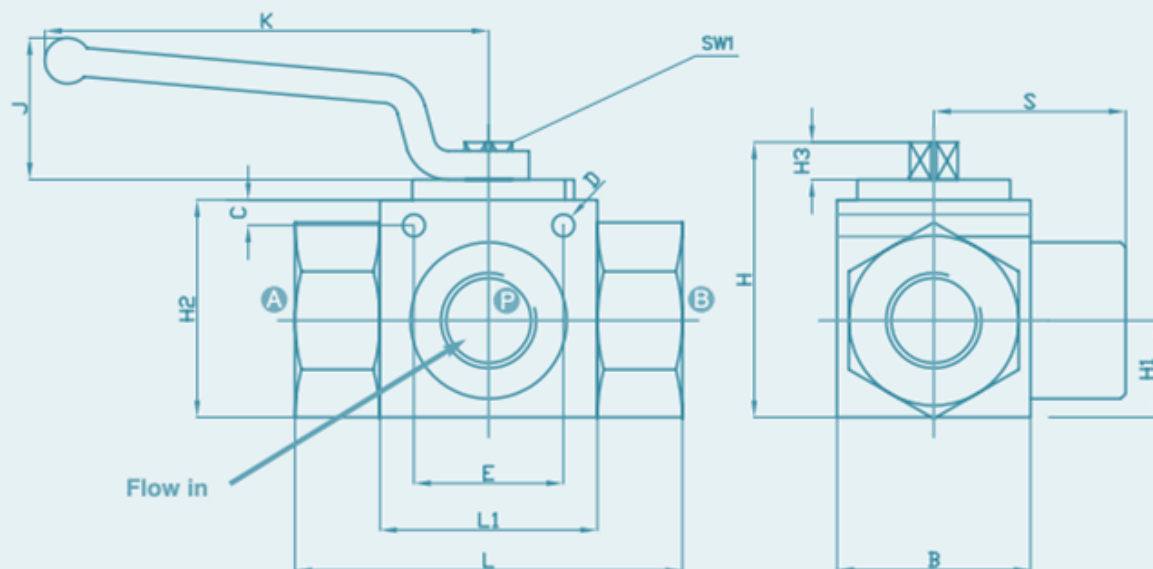
Any other necessary information



### MATERIALS

- Body and port adaptor are zinc plated steel (38SMn PB 10).
- Handle - steel forging, zinc plated.
- Ball - carbon steel.
- Ball seals - DELRIN (polyacetalic resin)
- Shaft seal - nitrile

### 3 WAY BALL VALVES



Code	ND	Max W.P Bar	L	L1	B	H	H1	H2	H3	E	D	C	SW1	S	K	J
BVS-3-06-04G-L-1-1	6	315	69	37	28	44.5	13	32	8	26	5	4.5	9	35	135	40
BVS-3-10-06G-L-1-1	10	315	72	42	35	52.5	17	40	8	32	5	6.5	9	36	135	40
BVS-3-12-08G-L-1-1	13	315	83	48	35	52.5	17	40	8	37.5	4.8	6.5	9	42	135	40
BVS-3-19-12G-L-1-1	20	315	95	60	48	75	24	57	12	45	6.5	6.5	14	49	181	61
BVS-3-25-16G-L-1-1	25	315	113	65	57	82	28.5	64	12	55	6	6.7	14	56.5	181	61
BVS-3-32-20G-L-1-1	32	315	110	84	75	104.5	37.5	84	14	55	6	6.7	17	55	221	75
BVS-3-40-24G-L-1-1*	40	315	130	91	85	115.5	42.5	95	14	Not applicable			17	65	221	75
BVS-3-50-32G-L-1-1*	50	315	140	100	105	133	52.5	112.5	14	Not applicable			17	70	221	75

\* Mounting holes not provided with valve sizes 40 and 50

### PORT OPTIONS



**NOTE:** 'L' ported valves are standard. 'T' ported valves available on request