

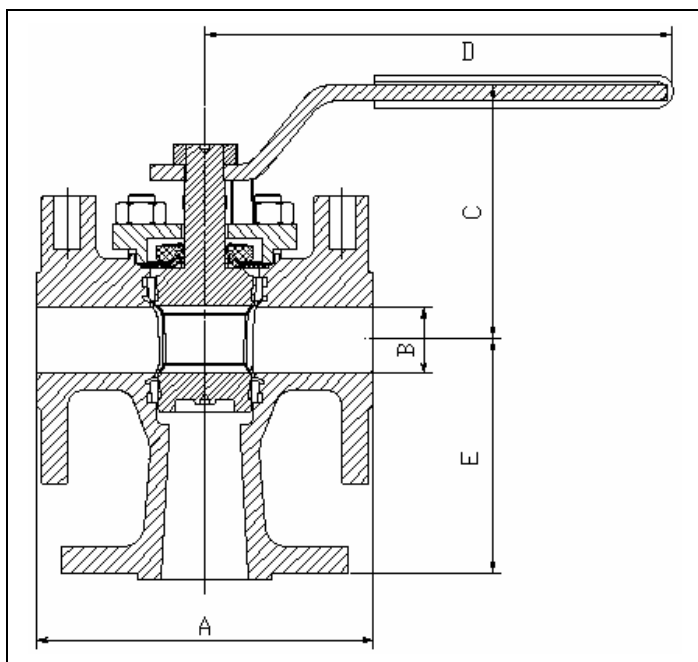
NON LUBRICATED SLEEVED 3-WAY PLUG VALVE

VALVES DESIGN STANDARDS:

Pr. Rating : 150 #
Design : BS 5353 & ANSI B16.34
Flange Dim : ASME B 16.5
Pressure Test : BS 6755
Size Range : 15 NB to 200 NB

DESIGN FEATURE:

- ❖ Zero leakage due to large sealing area.
- ❖ Teflon® sleeved fully locked top, bottom and ports.
- ❖ Self cleaning sleeve, while quarter turn operation.
- ❖ Optional operation by gear or pneumatic actuators.
- ❖ Teflon® protected by lips 360° surrounding the ports.



MATERIAL OF CONSTRUCTION:

PART NAME	MATERIALS
Body & Cap	ASTM A 216 Gr. WCB
Plug	SS304 / SS316
Sleeve	PTFE
Diaphragm	PTFE
Ring	PTFE
Metal diaphragm	SS 304
Packing washer	SS 304
Bolting	B7 / 2H
Lever	Carbon Steel

TEST PRESSURE :

	Hydrostatic	Pneumatic
Shell	30kg/Cm2	-
Seat	20 kg/Cm2	5.5 Kg/Cm2

OTHER OPTIONS:

CF8, CF8M, CF3, CF3M, CN7M, & other Alloys, 300 #
Actuated Valves available on request.
* 3 - Way Construction by Fabrication.

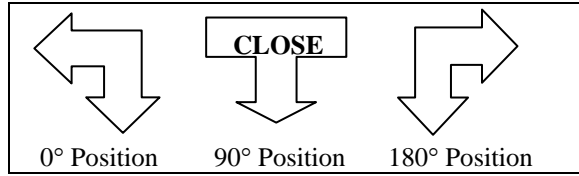
DIMENSIONS :

SIZE	A ± 3	B	C	D	E
15 mm	108	13	80	150	70
20 mm	118	19	80	150	75
25 mm	127	25	100	180	89
40 mm	165	40	120	250	105
50 mm	178	50	150	340	114
80 mm	203	76	170	340	130
100 mm	229	100	Worm Gear		160
150 mm	267	150			190
200 mm	292	200			229

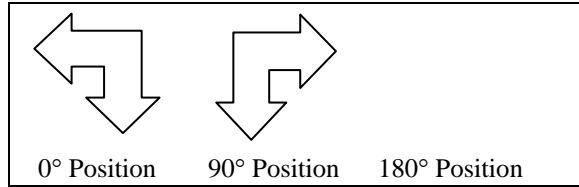
REFER CHART FOR PORT CONFIGURATION

Note: Data given are subjects to change without notice.

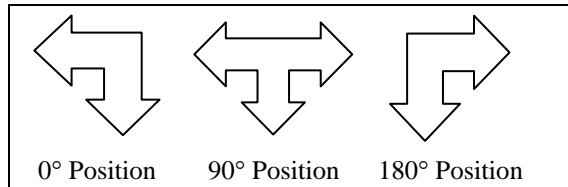
PORT CONFIGURATION - A



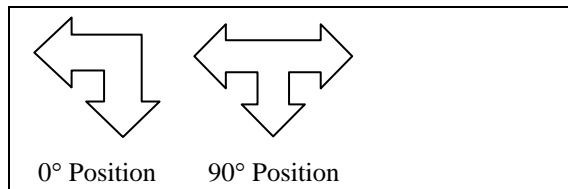
PORT CONFIGURATION - B



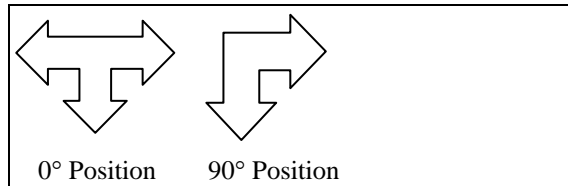
PORT CONFIGURATION - C



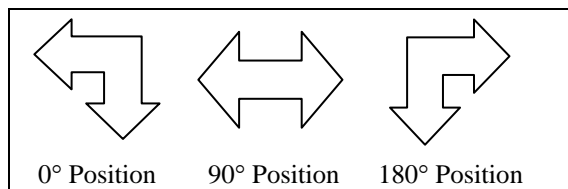
PORT CONFIGURATION - C - 1



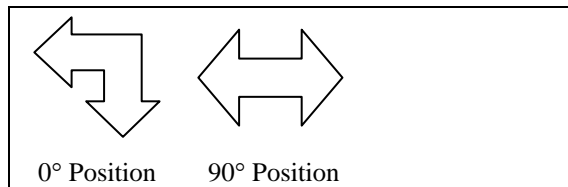
PORT CONFIGURATION - C - 2



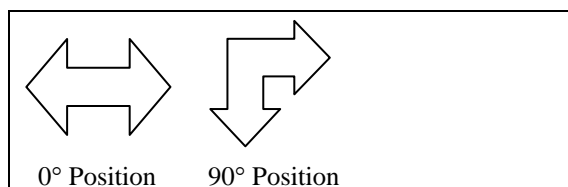
PORT CONFIGURATION - D



PORT CONFIGURATION - D - 1



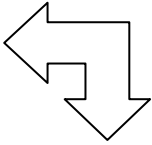
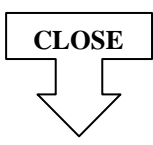
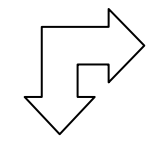
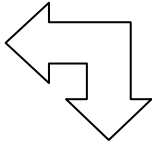
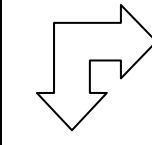
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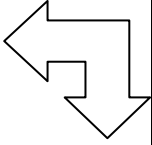
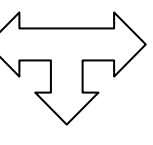
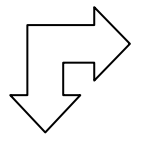
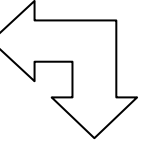
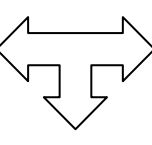


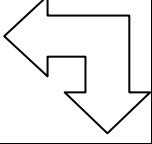
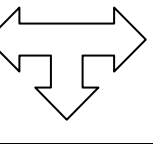
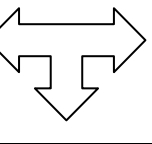
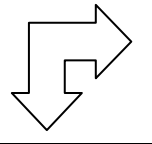
BISAN, INC.

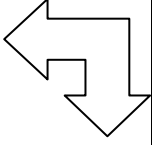
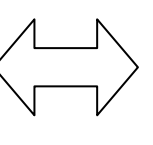
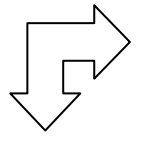
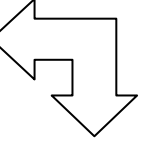
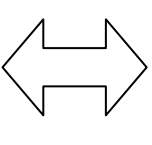
TRADING & INDUSTRIAL SERVICES

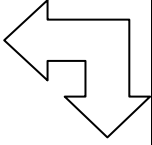
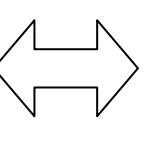
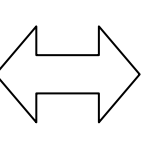
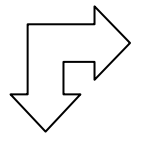
<http://www.bisaninc.com>
 Email: sales@bisaninc.com

PORT CONFIGURATION - A			PORT CONFIGURATION - B		
	CLOSE 				
0° Position	90° Position	180° Position	0° Position	90° Position	

PORT CONFIGURATION - C			PORT CONFIGURATION - C - 1		
					
0° Position	90° Position	180° Position	0° Position	90° Position	

PORT CONFIGURATION - C - 1			PORT CONFIGURATION - C - 2		
					
0° Position	90° Position		0° Position	90° Position	

PORT CONFIGURATION - D			PORT CONFIGURATION - D - 1		
					
0° Position	90° Position	180° Position	0° Position	90° Position	

PORT CONFIGURATION - D - 1			PORT CONFIGURATION - D - 2		
					
0° Position	90° Position		0° Position	90° Position	