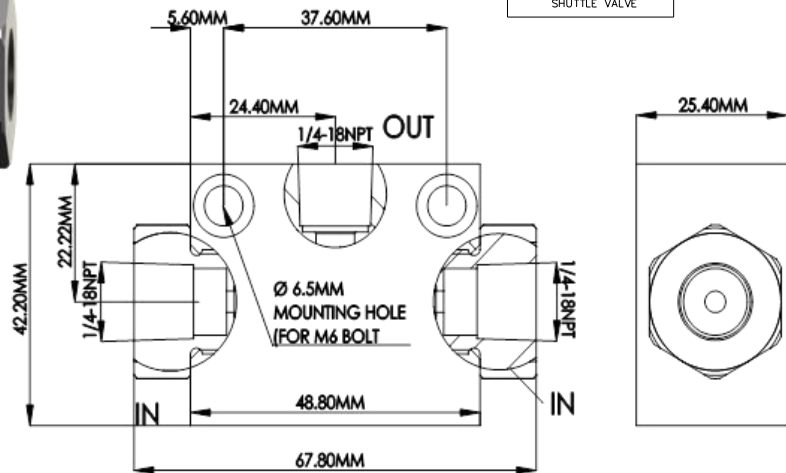
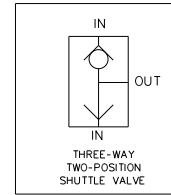




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SHUTTLE VALVE

Valve Code: MV 5866B-1/4-H



Ordering Ref : MV 5866B-1/4-H

Specification

Control Application	3-Way, 2-Position Auto Operation Ball Type Allows fluid to flow through it from one of two sources	<p><u>Principle Of Operation</u></p> <p><i>MV5866B-1/4-H is a 3-Way 2-Position Auto operation Ball type shuttle valve. The Shuttle Valve has a free moving ball shuttle that blocks one of the two inlet ports while the other inlet port is connected to the outlet port.</i></p> <p><i>The pressure flow enter to two inlet ports from different sources, A free floating ceramic ball shuttles according to the relative pressure at the two inlets, the higher pressure inlet flows through the valve and moves the ball to close the opposite inlet. The valve combines ceramic ball contact with an O ring seal seat to ensure tight shutoff of fluid (liquid or gas) from lower pressure flow. The valve can also flow in the reverse direction to relieve the system pressure when input is removed.</i></p>
Port Connection Size	IN Port: 1/4"-18NPT F (2-way) OUT Port: 1/4"-18NPT F	
Net Weight	400 gm	
Working Media	Oil	
Working Pressure	500 PSI (34.5 bar)	
Temperature Range	- 30°C to 120°C <i>Other Temperature Ranges available. Consult Factory</i>	
Material(Valve Body)	316L	
Flow Rate	Cv = 0.35	
Orifice Size	Ø3.1mm (1/8")	
Mounting Hole	Ø6.5mm (1/4"), For M6 Bolts	
Seal Material	Nitrile Rubber (NBR) <i>Other Seal Material Are Available Upon Request</i>	

** Measurement stated are with tolerance of +/-10%. Optional Parts/Material are available upon request.

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