

MV74

SOLENOID VALVE

3-Way 2-Pos / Direct Acting



 **MAROTTA®**

We're in Control

MV74 / DIRECT ACTING SOLENOID

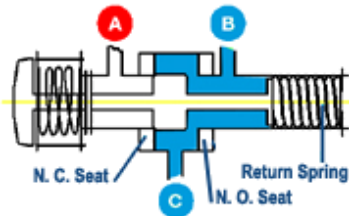
3-Way 2-Position Direct Acting

Direct Acting Solenoid Valve

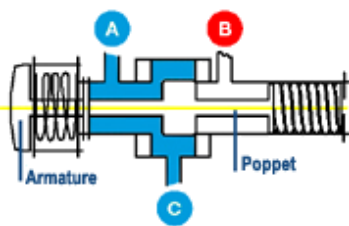
In the de-energized position, Port "A" is blocked by the poppet, which is held against the normally closed seat by the poppet return spring. Port "B" is directly open to Port "C", permitting flow in either direction.

With power applied, the solenoid armature assembly moves the poppet away from the normally closed seat onto the normally open seat. Now Port "A" and Port "C" are interconnected and Port "B" is sealed from Port "C".

De-Energized Position



Energized Position



Features:

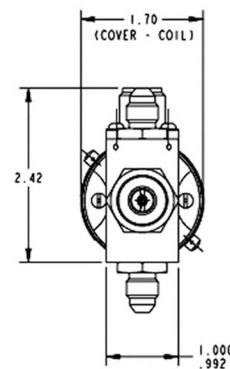
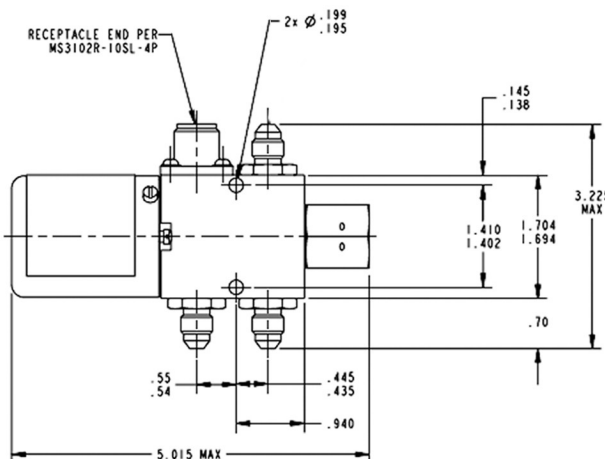
- 0-3000 psig service
- Balanced poppet
- Optimum size to weight ratio
- High reliability and quality
- Standard hydraulic or inert pneumatic fluids
- Versatile; 2-Way, 3-Way

Options:

- Position indicator
- Manual override
- Both position indicator and manual override
- Special cleaning

Model	MV74
Part Number	284751-XXXX
Pressure Range	0-3,000 psig (0-206 bar)
Proof Pressure	4,000 psig (275 bar)
Burst Pressure	7,500 psig (516 bar)
End Connections	MS 33656-4 1/4" fitting, aluminum
Electrical	<i>Continuous Duty</i> 18-30 VDC 1 amp at 24 VDC <i>Resistance:</i> 22-23.5 ohm
Cv	0.145
ESEOD	0.09 in (2.3mm)
Body Material	Aluminum Alloy
Trim	Stainless Steel
Seat Material	Vespe [®] SP-1
Seal Material	Fluorocarbon (Viton [®])
Weight	1.15 lb (0.52 kg)
Response Time	≤50 ms
Note: The listed performance data represents specific program requirements and not the design limitations of the device. Normally open versions and valves for 10,000 psi operating pressure also available.	

INSTALLATION - MV74



MAROTTA[®]

78 Boonton Avenue
P.O. Box 427
Montville, NJ 07045 USA
1.973.334.7800 marotta.com

WHEN IT COMES TO
SPECIALTY FLUID CONTROLS
WE'RE IN CONTROL