

MV130

SOLENOID VALVE

2-Way 2-Pos / Direct Acting



 **MAROTTA®**

We're in Control

Direct Acting Solenoid Valve

Our patented solenoid valve technology sets the standard for reliability and performance. The Marotta MV130 series is a quick response, 2-way, 2-position solenoid valve. Standard models operate at pressures ranging from 0 up to 6,000 psig and are obtainable in either normally closed or normally open configuration.

In the de-energized position (power off) flow from the inlet to the outlet port is blocked by the poppet. The poppet is held against the seat by the poppet return spring (de-energized).

With power applied, (energized) the solenoid armature assembly pushes the poppet away from the seat against the return spring force. This opens the inlet port to the outlet port and flow begins.

The valves are a balanced poppet design, requiring a relatively small solenoid actuator. This feature conserves power and minimizes the space required for the installation.



Model	MV130	MV130H
Part Number	205883-0001	209613-9011
Pressure Range	0-3,000 psig (0-207 bar)	0-6,000 psig (0-414 bar)
Proof Pressure	4,500 psig (310 bar)	9000 psig (621 bar)
Burst Pressure	7,500 psig (517 bar)	15,000 psig (1034 bar)
End Connections	AND 10050-6 3/8" port	SAEJ1926/1 3/8" port
Electrical	<i>Continuous Duty</i> 18 to 30 VDC 1.33 amp at 24 VDC Resistance 16.5 -19.5 ohm	<i>Continuous Duty</i> 18 to 30VDC 1.33 amp at 24 VDC Resistance 17-19 ohm
Cv	0.629	0.55
ESEOD	0.187 in (4.75 mm)	0.175 in (4.45 mm)
Body Material	Aluminum Alloy	Aluminum Alloy
Trim	Stainless Steel	Stainless Steel
Seat Material	Nylon	Vespel SP-1
Seal Material	Buna N	Isoprene Rubber
Weight	1.35 lb (0.61 kg)	1.70 lb (0.77 kg)
Response Time	≤ 70 ms	≤ 90 ms

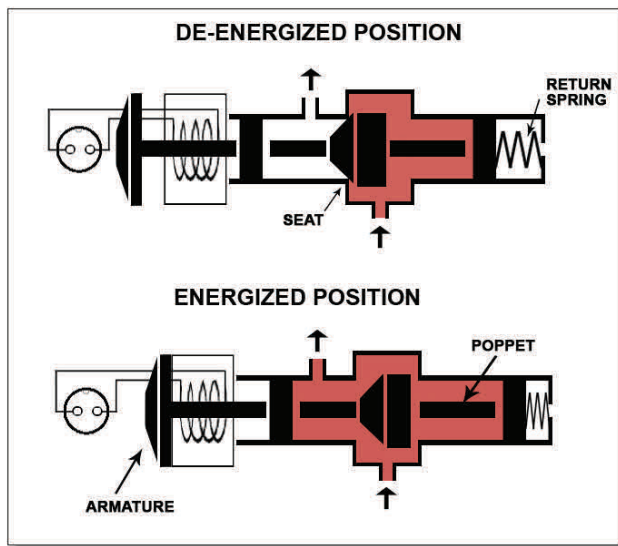
Note: The listed performance data represents specific program requirements and not the design limitations of the device.

Options:

- Position indicator
- Manual override
- Latching mechanism
- Special cleaning
- Diode
- MIL-DTL-38999 electrical connector

Features:

- Balanced poppet design
- High reliability
- High quality manufacturing
- Proven technology
- Pneumatic or hydraulic applications
- 1 SCIH



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WHEN IT COMES TO
SPECIALTY FLUID CONTROLS
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