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## PILOT VALVE (Auto Rest Type)

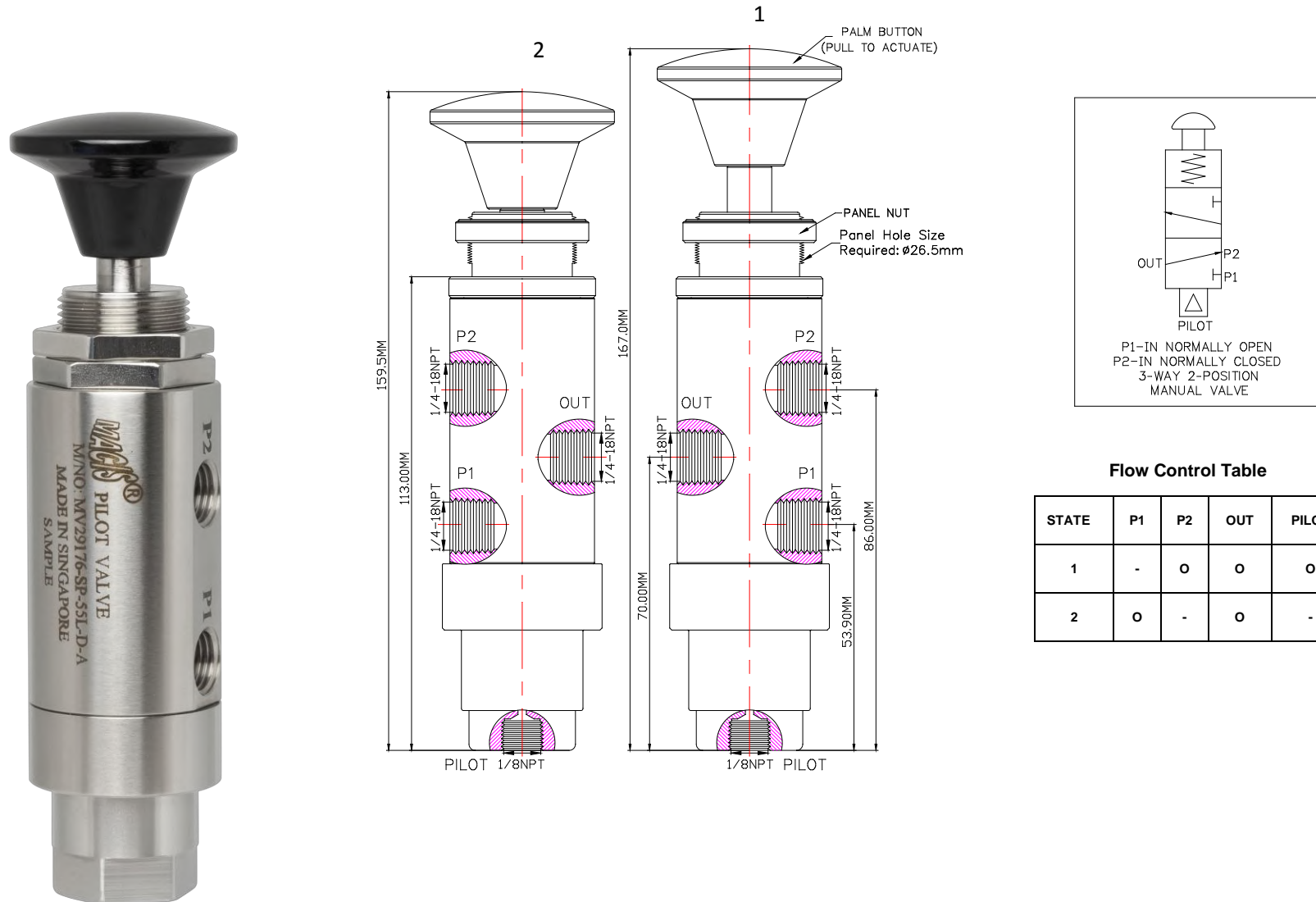
### Valve Operation

MV29176-SP-55L-D-A is a 3 Way 2-Position, Universal operation, Manual palm button, Air pilot with spring return, auto reset type pilot valve.

To open the valve, apply pilot signal pressure (within the required minimum pilot pressure range) at the Pilot Port for it to operate. Pilot signal pressure forces the palm button out to actuate as per below Control table (State 1), the P2 port will open to OUT port and the P1 port will be block.

To close the valve, the pilot port pressure signal drop to lower than 14psi (0.96bar), the valve will spring to close as below control table (state 2), the P1port will open to OUT port and P2 port will be block.

**\*Note:** Valve is a universal operation, when select P2 port as IN port, the valve is normally closed. When select P1 port as IN port the valve is normally open.



Flow Control Table

STATE	P1	P2	OUT	PILOT
1	-	O	O	O
2	O	-	O	-

Ordering Ref : MV29176-SP-55L-D-A

### Specification

Control Application	3-Way 2-Position, Universal Operation Manual Palm Button, Air Pilot with Spring Return. Auto Reset Type
Port Connection Size	P1, P2 & OUT Ports: 1/4" NPT F Pilot Port: 1/8" NPT F
Exterior Shape	Circular Ø 38.1 mm (1 1/2 ")
Panel Hole Size	Ø 26.5 mm (1 3/64 ")
Net Weight	900 gm
Working Media	Air
Pilot Pressure Range	28 - 300 PSI (2.0 – 20.6bar)
Max Working Pressure	300psi (20.6bar)
Temperature Range	- 30°C to 120°C <i>Other Temperature Ranges available. Consult Factory</i>
Material(Valve Body)	316 L
Seal Material	Viton(FKM) <i>Other Seal Material Available Upon Request</i>
Material (Palm Button)	Polyamide <i>Other Material Available Upon Request</i>
Material (Palm Button )	316L <i>Other Material Available Upon Request</i>
Flow Rate	Cv = 1.65

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

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