



MANUAL SHUTDOWN (ESD) VALVE

Valve Operation

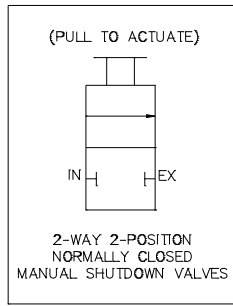
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MV1586459 is a 2-Way 2-Position manual shut down valve, it ideal for use in Emergency Shut Down (ESD) systems and other control applications that require fast response time.

In push position (palm button), the valve as per below Status table (State 1), supply pressure will be block at IN Port.

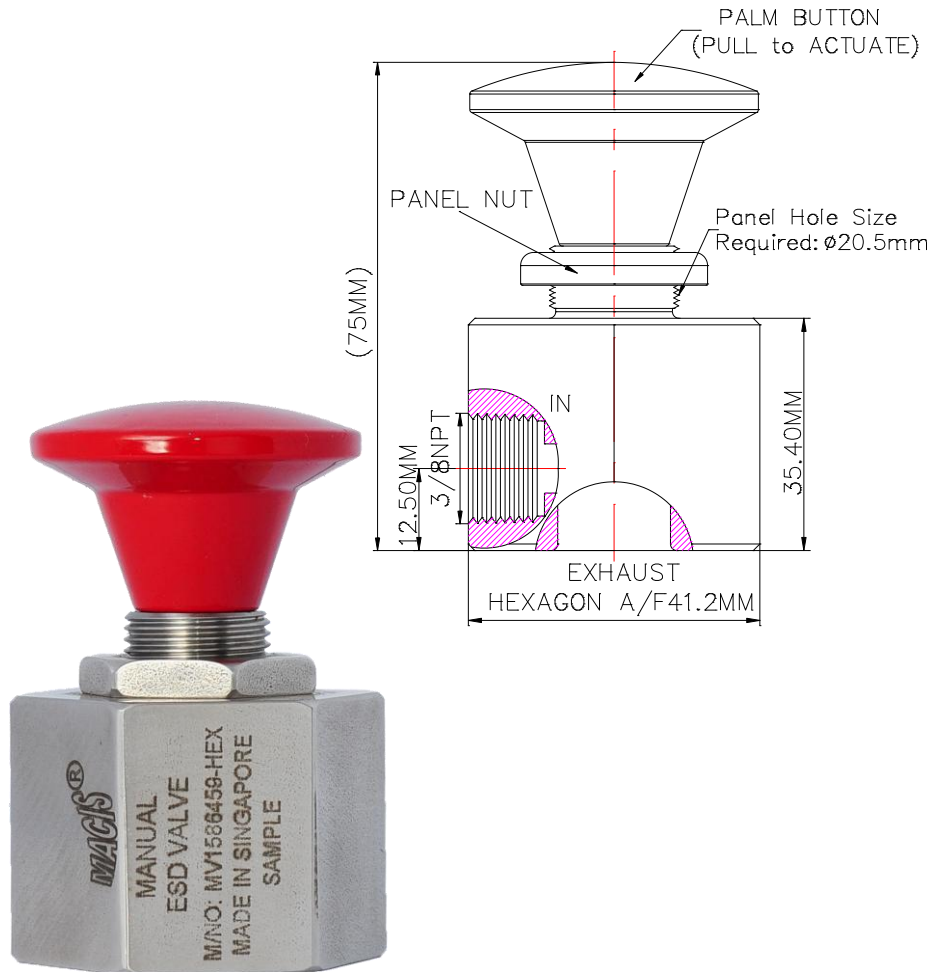
To open the valve, pull the palm button to actuate, the valve function as below status table (state 2), the IN port will be open to EX port, supply pressure will dumped to atmosphere.

*Noted: This type of valve is only suitable for Non-toxic gases.

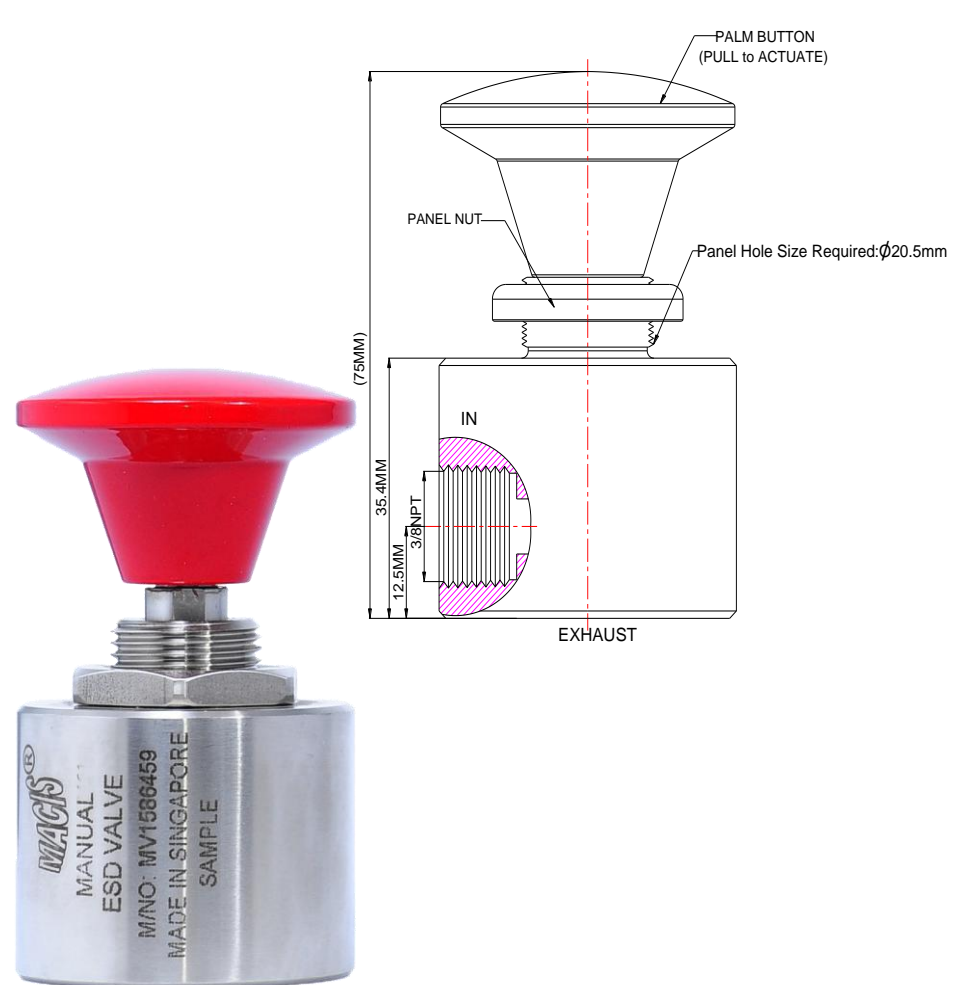


Flow Control Status Table

STATE	IN	EX	PALM POSITION
1	-	-	PUSH
2	O	O	PULL



Ordering Ref : MV1586459-HEX



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Specification

Control Application	2-Way Normally Closed Manually Pull-Push with Red palm button Manual Shutdown Type
Port Connection Size	IN Port : 3/8" NPT F
Panel Hole Size	Ø 20.5 mm (51/64")
Net Weight	600 gm
Working Media	Air
Max Working Pressure	200 PSI (13.7 bar)
Temperature Range	- 30°C to 120°C <i>Other Temperature Ranges available. Consult Factory</i>
Material(Valve Body)	316L
Seal Material	Viton(FKM) <i>Other Seal Material are Available Upon Request</i>
Material (Palm Button)	Polyamide <i>Other Material are Available Upon Request</i>
Color(Palm Button)	Red / Black <i>There are two Color for select, kindly state when ordering</i>
Flow Rate	Cv = 2.2

Distinctions

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Exterior Shape : Hexagon A/F 41.20 mm (1 5/8")

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Exterior Shape : Circular Ø44.0 mm (1 7/8")

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

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