



- a** 3- way selector valve
- b** Ball Valve
- c** In-line Finger Filter
- d** Plug

Description

“M” model valve is the hydraulic control valve operated by line pressure and designed to ensure opening/closing process by means of 3-way selector valve. Minimum opening pressure of valve is 0.7 bar. Thanks to its flexible diaphragm, it makes easy and fast control process in high pressure applications and is closed as full tightness without causing surge. It may be used in different applications by adding different pilot valves on its main body.

Installation

- Make sure that valve is on a level with the pipeline while mounting it.
- Mount valve in direction of arrow indicated on it.
- While connecting valve on pipeline, place gasket between valve flange and pipe flange to ensure sealing and tighten the bolts as crosswise.
- Mount valve body in reservoir or tank upstream and mount float components as fixed in desired level interval.
- It is recommended that insulation valves (butterfly or gate valves etc.), air relief valve and strainer valves will be used in line-mounting of valve

Typical Application



1 Manual Control Valve

Adjustment

- Select adjustment position by means of 3-way selector valve indicated with "a" on main valve.
- Valve is open in "Open" position and closed in "Close" position

Maintenance

- Check finger filter in valve upstream according to water quality.
- Drain water within actuator of valve not used in winter.

Troubleshooting

Failure	Causes	Correcting/Repair
Valve not opening	<ul style="list-style-type: none"> • Line pressure may be low. • 3-way selector valve may be closed. • 3-way selector valve may be clogged 	<ul style="list-style-type: none"> • Check valve upstream pressure and ensure necessary upstream pressure. • Check 3-way selector valve and bring it into "Open" position. • Check 3-way selector valve and clean it.
Valve not closing	<ul style="list-style-type: none"> • Diaphragm may be punctured. • Foreign substances may exist in diaphragm seat. • 3-way selector valve may be open. • 3-way selector valve may be clogged. 	<ul style="list-style-type: none"> • Check diaphragm and replace with the new one if it is punctured. • Check diaphragm seat and remove foreign substances if any. • Check 3-way selector valve and bring it into "Close" position. • Check 3-way selector valve and clean it.

Order Information

Please submit following information to our sales department while ordering.

Maximum flow rate _____ m³/h
 Maximum network/line pressure _____ bar
 Main line size _____ mm
 Valve connection type _____

Sample order form

Model	Connection	Size	Control Feature	Additional Features	Options
67-67D	F: Flanged (ISO-ANSI)	2"-16"	Manual Control	EL: Electric Control	Position Indicator
66-66D-64	TH: Threaded (BSPT-NPT)	1½"-3"		NV: On/Off Speed Adjustment	
63-63D	VIC: Grooved End	2"-4"		PG: Pressure Gauge	
67	F	6"	M	NV	PIR