

Solenoid Actuated and Pilot Operated Spool Valve 3/2


Description



MECALINE pilot pneumatic control 3/2 valves with single solenoid. They are suitable for both lubricated or non-lubricated air supply. Once lubricated air is used, continue with same medium to optimise valve life span, Lubricants like ISO VG32 or equivalent are recommended. They are supplied complete with solenoid and terminal.

Specification:

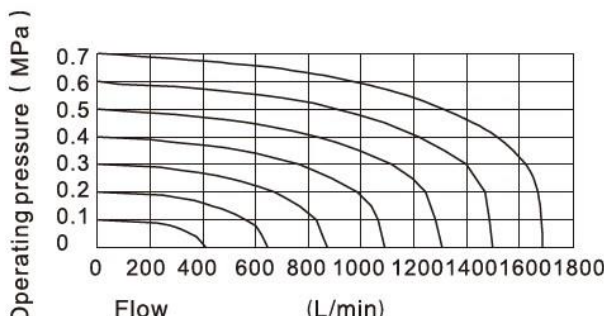
Fluid:	Filtered Compressed air (40 µm) lubricated or non-lubricated
Operating Pressure:	0.15 ... 0.8 MPa
Operating Temperature:	-20 ... 70 °C
Body Material:	Aluminium Alloy
Softseal Spool:	HNBR
Pilot Manual Override:	Lockable Manual Override.

Symbol	Function	Acting Type	Actuation	Port Size	Max Flow L/min	Voltage	Electrical Entry	CODE
	3/2	Normally Closed	Single Solenoid - Spring Return	G1/8	1700	DC24V	DIN Terminal	887543
	3/2	Normally Closed	Single Solenoid - Spring Return	G1/4	1700	DC24V	DIN Terminal	887544

COIL SPECIFICATION

Voltage	DC24V
Power Consumption	3.0W
Protection Class	IP65 (DIN40050)
Coil insulation type	B Class
Activation time	<0.05 sec

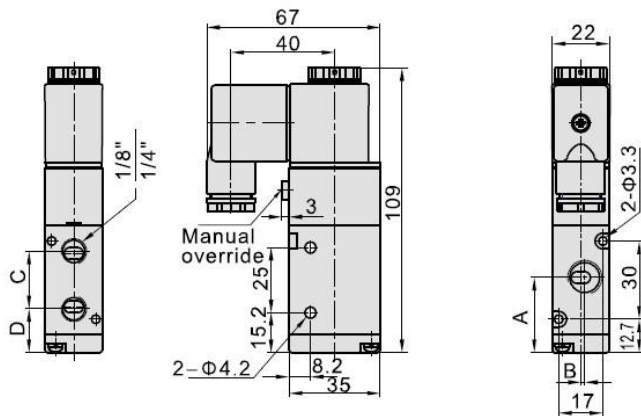
FLOW CHART

Port Size	1/8	1/4
Orifice Size	14.0mm ² (Cv=0.78)	16.0mm ² (Cv=0.89)
Diagram		

Dimensions

CONFIGURATION

Single Solenoid/Spring Return with Terminal (887543/887544)



	1/8	1/4
A	27.7	28.7
B	0	1.5
C	22	22.5
D	16.7	16.5