

SOLENOID VALVE

J Series

Cat No J004 - 04

3 / 2 Direct acting, normally closed, gang mounting valve

Features

- ❑ Gang mounting type (Manifolds for gang mounting of 1 ,2, 5 & 9 valves are available - for details refer next page)
- ❑ Wide range of coil voltages
- ❑ Continuous duty cycle
- ❑ Low temperature of operation
- ❑ Noiseless performance
- ❑ Manual operator (Screw driver type)



Technical Specifications

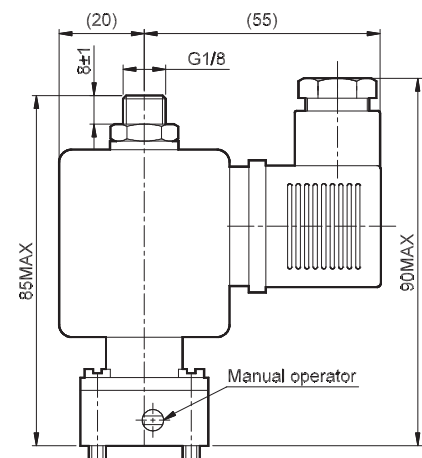
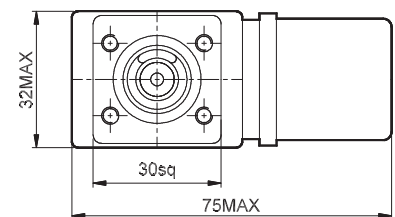
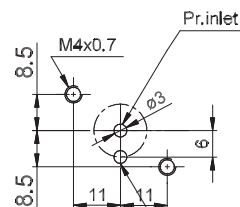
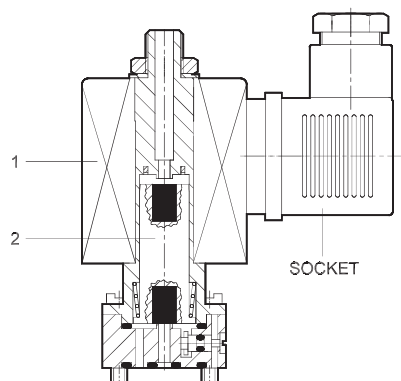
Model #	E24002		
Port size	Exhaust G1/8		
Medium	Filtered compressed air		
Ambient Temperature	-10° to +60° C		
Medium temperature	+5° to +50° C		
Orifice (NW)	2		
Operating pressure range (bar)	0 - 10		
Flow rate (lpm) *	140		
Electrical			
Coil width	32 mm		
Voltage (V) ± 10%	AC (50 Hz) 24, 48, 110, 220	12	DC 24, 48, 110
Power consumption (Watts)	6	9	8
Duty cycle	Continuous		
Type of coil protection	IP65		
Class of insulation	Class F		
Materials of construction	Aluminium, Brass, Stainless steel, Nitrile		

For ordering refer page no. 2.1.1

* at 6 bar inlet, 5 bar outlet, with pressure drop $\Delta p = 1$ bar

Spare parts list

Ref. No.	Coil (without socket)	Ordering no. for	
	Voltage	AC 50Hz	DC
1	220	AC11A	- NA -
	110	AC11B	DC12Q
	48	AC11D	DC12S
	24	AC11G	DC12W
	12	- NA -	DC15R
2	Moving core sub assembly complete consists of 1. moving core subassembly 2. main spring	SSA0311	SSA0711



Caution:

A.C coil should not be used on a D.C coil valve, and vice versa.

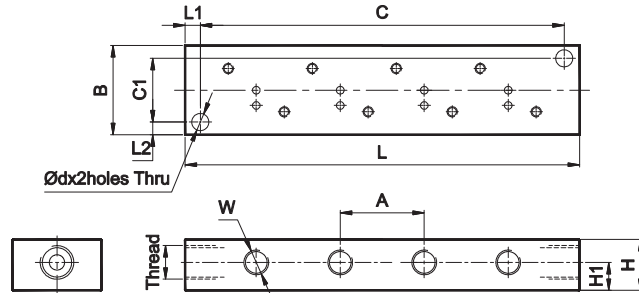
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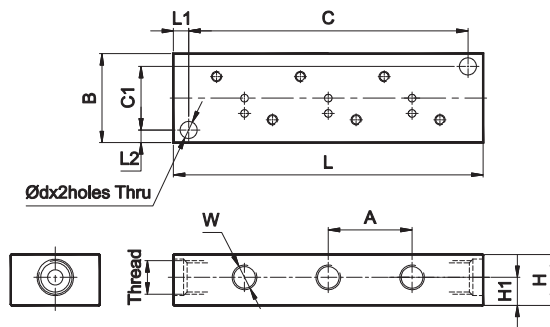
Manifold for Gang Mounting Valves

Plug type manifold



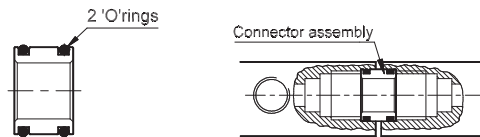
Part Name	Thread	W	B	C	C1	A	Ød	L	L1	L2	H	H1	Ordering no.
Four valves	G1/4	G1/8	35	143	25	33	6.7	155	6	5	20	11	LA3029
Six valves	G1/4	G1/8	35	209	25	33	6.7	221	6	5	20	11	LA3030
Nine valves	G1/4	G1/8	35	308	25	33	6.7	320	6	5	20	11	42312

Connector type manifold



Part Name	Thread	W	B	C	C1	A	Ød	L	L1	L2	H	H1	Ordering no.
One valve	G1/4	G1/8	35	44	25	-	6.7	56	6	5	20	11	42080
Two valves	G1/4	G1/8	35	77	25	33	6.7	89	6	5	20	11	42070
Three valves	G1/4	G1/8	35	110	25	33	6.7	122	6	5	20	11	LA3035
Five valves	G1/4	G1/8	35	176	25	33	6.7	188	6	5	20	11	42069

Connector assembly

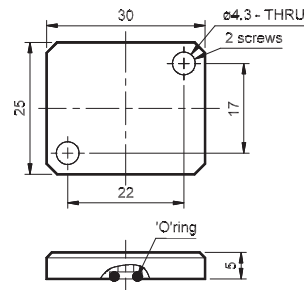


Application:

These connector assemblies can be used to connect two manifolds. For eg., 2 no's of manifolds to Model no. 42080 can be connected together. This is applicable for the connector type manifold only.

Part Name	Ordering no.
Connector assembly	MS001
Cover plate assembly	MS002

Cover plate assembly



Application:

These cover plate assemblies can be used to plug the unutilised position in a manifold.

For eg., if it is required to mount only 8 valves on manifold no. 42312, the 9th position can be plugged and made dummy using one cover plate assembly.

How to Order

While ordering valve, mention the ordering number given in the corresponding tables.