



Individual mounting



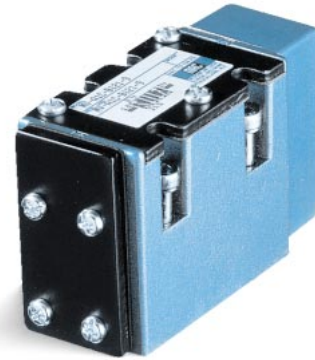
Manifold mounting



Function	Port size	Flow (Max)	Individual mounting & Manifold mounting
<b>5/2 - 5/3</b>	<b>G1/4" - G3/8"</b>	<b>1600 NI/Min</b>	sub-base

**OPERATIONAL BENEFITS**

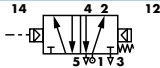
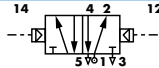
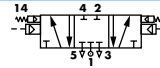
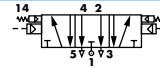
1. Balanced spool, immune to variations of pressure.
2. Short stroke with high flow.
3. The piston (booster) provides maximum shifting forces.
4. Powerful return thanks to the combination of mechanical and air springs.
5. Bonded spool with minimum friction, shifting in a glass-like finished bore.
6. Wiping effect eliminates sticking.
7. Low leakage rate.



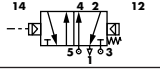
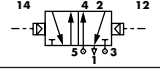
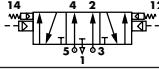
**HOW TO ORDER**

**Reset**

**SINGLE PRESSURE VALVES**

Air spring	5/2 Single operator	5/2 Double operator	5/3 Closed centre	5/3 Open centre
				
Internal	MV-A1C-B111	----	----	----
External	MV-A1C-B121	MV-A1C-B221	MV-A1C-B322	MV-A1C-B321

**DUAL PRESSURE VALVES**

Air spring	5/2 Single operator	5/2 Double operator	5/3 Pressure centre
			
Internal port 3	MV-A1C-B131	----	----
Internal port 5	MV-A1C-B135	----	----
External	MV-A1C-B141	MV-A1C-B241	MV-A1C-B341

Note : ISO valves are delivered w/o base.

TECHNICAL  
DATA

<b>Fluid :</b>	Compressed air, vacuum, inert gases
<b>Pressure range :</b>	Vacuum to 10 bar
<b>Air signal pressure :</b>	Single operator and 3 positions : 1.8 to 10 bar $\geq$ main valve pressure      Double operator : 0.7 to 10 bar
<b>Lubrication :</b>	Not required, if used select a medium aniline point lubricant (between 80°C and 100°C)
<b>Filtration :</b>	40 $\mu$
<b>Temperature range :</b>	-18°C to +50°C
<b>Orifice :</b>	10 mm
<b>Flow (at 6 bar, <math>\Delta P=1</math>bar) :</b>	G 1/4" - G 3/8" : 1600 Nl/min ( $C_v$ 1.6)
<b>Leak rate :</b>	100 cm <sup>3</sup> /min

Spare parts :

- Remote air operator 2 positions : R-A1010. • Remote air operator 3 positions : R-A1005B.
- Pressure seal between valve and base : 16344. • Mounting screw body to base (x4) : 35304.

DIMENSIONS

