



R e m o t e a i r v a l v e s

Individual mounting

Valve only -  
no base

Series

400

67

69

**ISO 2**

ISO 3

Manifold mounting

Valve only -  
no base

Function	Port size	Flow [Max]	Individual/Manifold mounting	Series
<b>5/2 - 5/3</b>	<b>3/8" - 1/2"</b>	<b>3.1 C<sub>v</sub></b>	Valve only - no base	

**OPERATIONAL BENEFITS**

1. Balanced spool, immune to variations of pressure.
2. Powerful return forces thanks to the combination of mechanical and air springs.
3. Bonded spool with minimum friction, shifting in a glass-like finished bore.
4. Wiping effect eliminates sticking.
5. Long service life.



**400**

**67**

**69**

**ISO 2**

**ISO 3**

**HOW TO ORDER**

**SINGLE PRESSURE MODELS**

Air spring	5/2 Single operator	5/2 Double operator	5/3 Closed center	5/3 Open center
Internal	MV-R2A-BACF	MV-R2A-BBAK	MV-R2A-BEAK	MV-R2A-BFAK
External	MV-R2A-BACG			

**DUAL PRESSURE MODELS**

Air spring	5/2 Single operator	5/2 Double operator	5/3 Open center	5/3 Pressure center
Internal port #3	MV-R2A-BCCH		MV-R2A-BHAK	MV-R2A-BGAK
Internal port #5	MV-R2A-BCCJ	MV-R2A-BDAK		
External	MV-R2A-BCCG			

Note: ISO series, valve and base are ordered separately, see page 235 for base code.

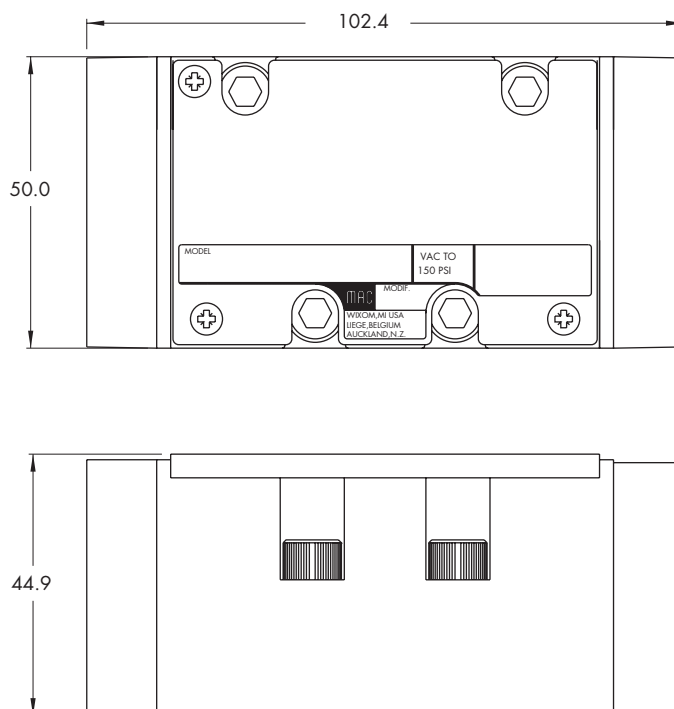
**TECHNICAL DATA**

<b>Fluid :</b>	Compressed air, vacuum, inert gases
<b>Pressure range :</b>	Vacuum to 150 PSI
<b>Air signal pressure :</b>	Single/double operator: 20 to 150 PSI 3 position: 30 to 150 PSI
<b>Lubrication :</b>	Not required, if used select a medium aniline point lubricant (between 180°F and 210°F)
<b>Filtration :</b>	40 μ
<b>Temperature range :</b>	0°F to 120°F (-18°C to 50°C)
<b>Flow :</b>	3/8" : (2.8 Cv) - 1/2" : (3.1 Cv)

Spare parts : • Valve to base pressure seal: 16576 • Valve mounting screws (x4): 35413

**DIMENSIONS**

Dimensions shown are metric (mm)



Function	Port size	Flow (Max)	Individual mounting & Manifold mounting	Series
<b>5/2 - 5/3</b>	<b>3/8" - 1/2"</b>	<b>3.0 C<sub>v</sub></b>	valve only	

**OPERATIONAL BENEFITS**

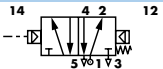
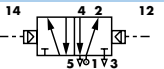
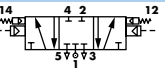
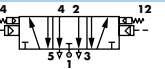
1. Balanced spool, immune to variations of pressure.
2. Short stroke with high flow.
3. The piston (booster) provides maximum shifting forces.
4. Powerful return thanks to the combination of mechanical and air springs.
5. Bonded spool with minimum friction, shifting in a glass-like finished bore.
6.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



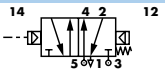
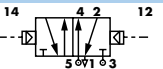
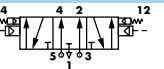
1100  
55  
56  
57  
58  
59

**HOW TO ORDER**

**SINGLE PRESSURE VALVES**

Air spring	5/2 Single operator	5/2 Double operator	5/3 Closed center	5/3 Open center	
					700
Internal	MV-A2B-B111	----	----	----	900
External	MV-A2B-B121	MV-A2B-B221	MV-A2B-B322	MV-A2B-B321	

**DUAL PRESSURE VALVES**

Air spring	5/2 Single operator	5/2 Double operator	5/3 Pressure center	
				82
Internal port 3	MV-A2B-B131	----	----	6300
Internal port 5	MV-A2B-B135	----	----	6500
External	MV-A2B-B141	MV-A2B-B241	MV-A2B-B341	6600

Note : ISO valves are delivered w/o base. See page 273 for base code.

2700  
1800  
ISO 1  
ISO 2  
ISO 3

**TECHNICAL DATA**

<b>Fluid :</b>	Compressed air, vacuum, inert gases
<b>Pressure range :</b>	Vacuum to 150 PSI
<b>Air signal pressure :</b>	Single operator and 3 positions : 25 to 150 PSI $\geq$ main valve pressure      Double operator : 10 to 150 PSI
<b>Lubrication :</b>	Not required, if used select a medium aniline point lubricant (between 180°F to 210°F)
<b>Filtration :</b>	40 $\mu$
<b>Temperature range :</b>	0°F to 120°F (-18°C to 50°C)
<b>Flow (at 6 bar, <math>\Delta P=1\text{bar}</math>) :</b>	3/8" - 1/2" : (3.0 C <sub>v</sub> )

Spare parts :      • Remote air operator : R-A3004. • Pressure seal between valve and base : 16351. • Mounting screw body to base (x4) : 35412.

**DIMENSIONS**

Dimensions shown are metric (mm)

