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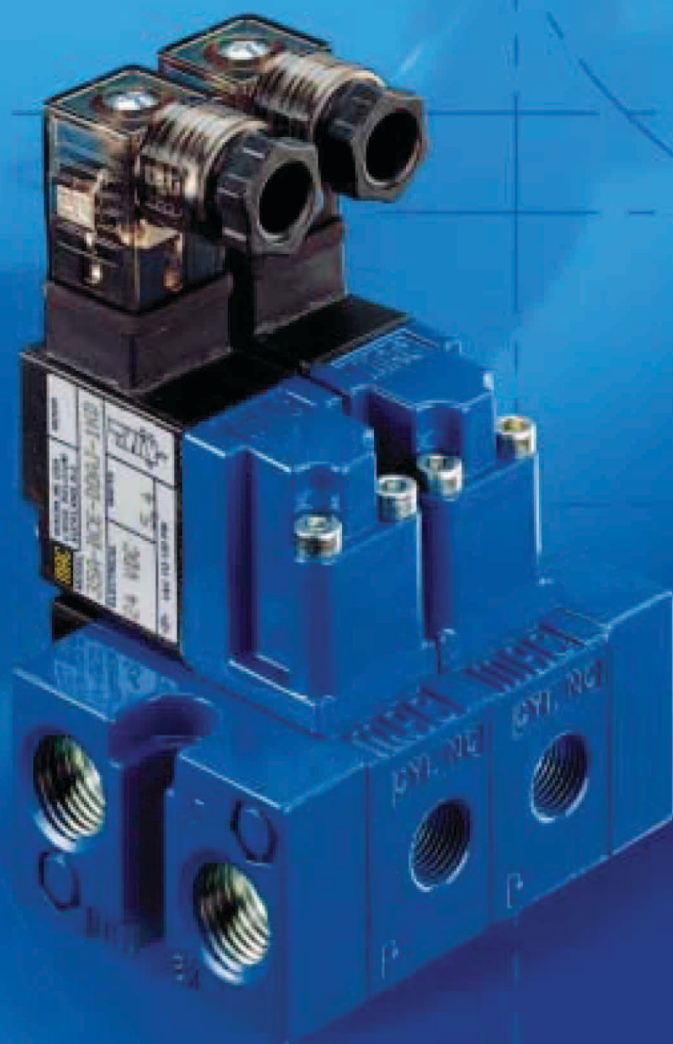
MAC

V A L V E S



LDA

Solutions for Life



A i r V a l v e s



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

Individual mounting

Series

Valve only -
no base

400

Manifold mounting

67

Valve only -
no base

69

ISO 2

ISO 3

Function	Port size	Flow (Max)	Individual/Manifold mounting	Series
5/2 - 5/3	1/2" - 3/4"	6.2 C_v	Valve only - no base	

OPERATIONAL BENEFITS

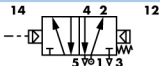
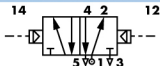
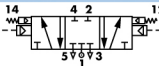
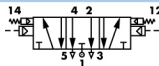
1. Balanced spool, immune to variations of pressure.
2. Powerful return forces thanks to the combination of mechanical and air springs.
3. Bonded spool with minimum friction, shifting in a glass-like finished bore.
4. Wiping effect eliminates sticking.
5. Long service life.



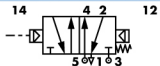
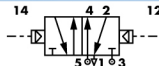
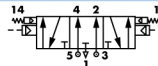
400
67
69
ISO 2
ISO 3

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-R3A-BACF			
External	MV-R3A-BACG	MV-R3A-BBAK	MV-R3A-BEAK	MV-R3A-BFAK

DUAL PRESSURE MODELS

Air spring	5/2 Single operator	5/2 Double operator	5/3 Pressure center
			
Internal port #3	MV-R3A-BCCH		
Internal port #5	MV-R3A-BCCJ		
External	MV-R3A-BCCG	MV-R3A-BDAK	MV-R3A-BGAK

Note: ISO series, valve and base are ordered separately, see page 239 for base code.

TECHNICAL DATA

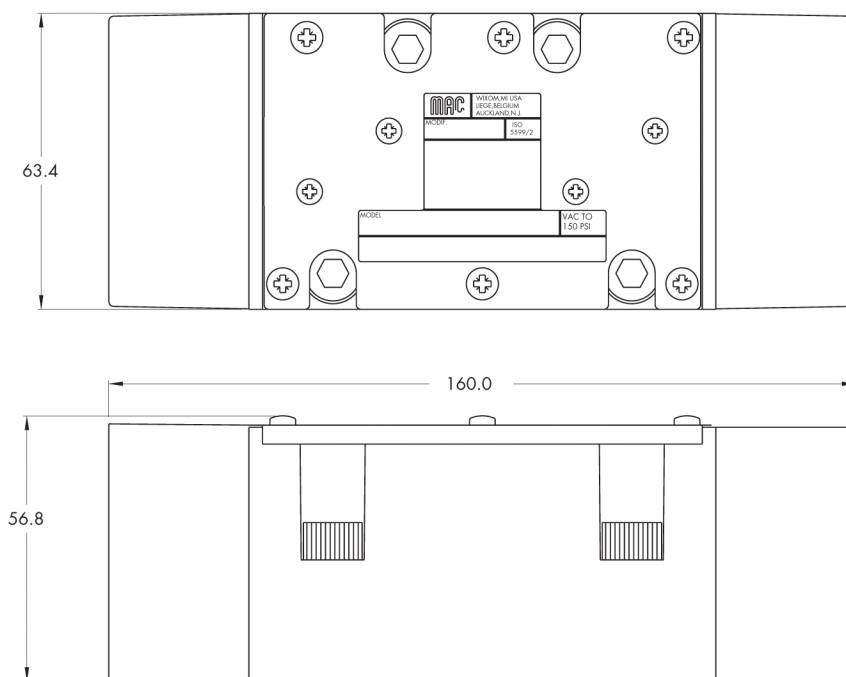
Fluid :	Compressed air, vacuum, inert gases
Pressure range :	Vacuum to 150 PSI
Air signal pressure :	Single/double operator: 20 to 150 PSI 3 position: 30 to 150 PSI
Lubrication :	Not required, if used select a medium aniline point lubricant (between 180°F and 210°F)
Filtration :	40 µ
Temperature range :	0°F to 120°F (-18°C to 50°C)
Flow :	1/2" : (5.4 C _v) - 3/4" : (6.2 C _v)

Spare parts :

• Valve to base pressure seal: 16614 • Valve mounting screws (x4): 35451

DIMENSIONS

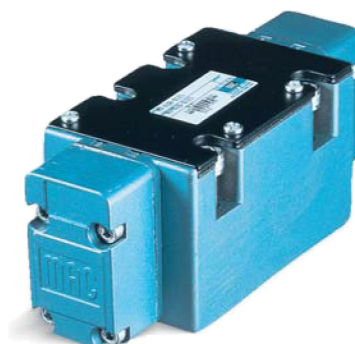
Dimensions shown are metric (mm)



Function	Port size	Flow (Max)	Individual mounting	Series
5/2 - 5/3	1/2" - 3/4"	6.3 C_v	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

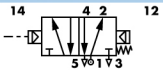
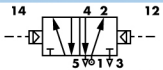
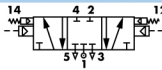
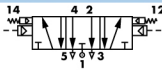
57

58

59

HOW TO ORDER

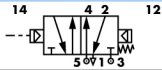
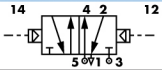
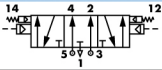
SINGLE PRESSURE VALVES

Air spring	5/2 Single operator	5/2 Double operator	5/3 Closed center	5/3 Open center
				
Internal	MV-A3B-B111	----	----	----
External	MV-A3B-B121	MV-A3B-B221	MV-A3B-B322	MV-A3B-B321

700

900

DUAL PRESSURE VALVES

Air spring	5/2 Single operator	5/2 Double operator	5/3 Pressure center
			
Internal port 3	MV-A3B-B131	----	----
Internal port 5	MV-A3B-B135	----	----
External	MV-A3B-B141	MV-A3B-B241	MV-A3B-B341

82

6300

6500

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

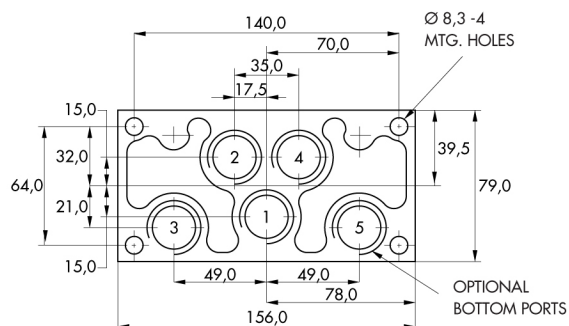
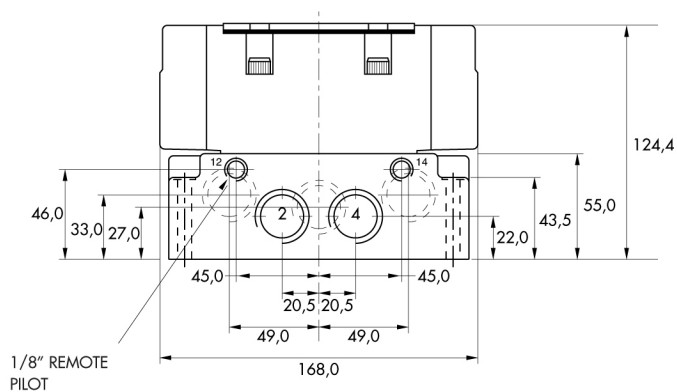
Fluid :	Compressed air, vacuum, inert gases
Pressure range :	Vacuum to 150 PSI
Air signal pressure :	Single operator and 3 positions : 25 to 150 PSI $\geq$ main valve pressure Double operator : 10 to 150 PSI
Lubrication :	Not required, if used select a medium aniline point lubricant (between 180°F to 210°F)
Filtration :	40 μ
Temperature range :	0°F to 120°F (-18°C to 50°C)
Flow (at 6 bar, $\Delta P=1$ bar) :	1/2" - 3/4" : (6.3 C _v)

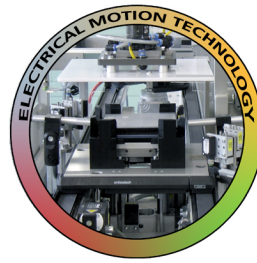
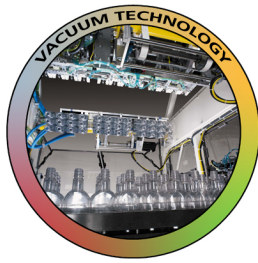
Spare parts :

• Remote air operator : R-A3004. • Pressure seal between valve and base : 16436. • Mounting screw body to base (x4) : 35416.

DIMENSIONS

Dimensions shown are metric (mm)





We look forward to your application.

LDA Belgium

Hoge Buizen 53
1980 Eppegem
Belgium

Tel. +32 (0)2-266 13 13

Mail: LDA@LDA.be

www.LDA.be