



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

DUAL PRESSURE MODELS

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

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

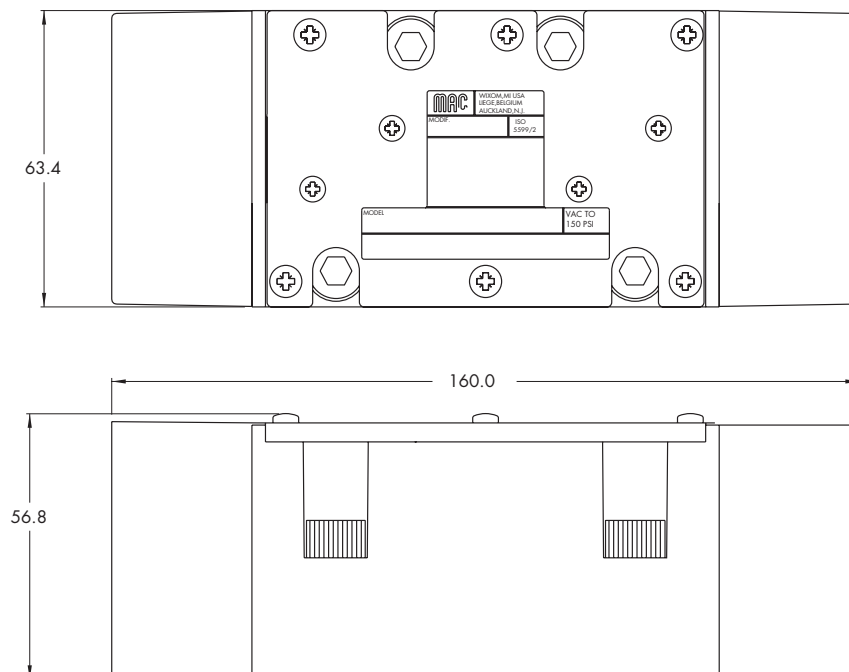
TECHNICAL DATA

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
2700

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

1800
ISO 1
ISO 2
ISO 3

