

Individual mounting					
	sub-base				
Manifold mounting					
	sub-base				



Individual mounting & Manifold mounting **Function** Port size Floш (Max)

G1/2" - G3/4" 5/2 - 5/3 6300 NI/Min 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.









### SINGLE PRESSURE VALVES

Air spring	5/2	5/2	5/3	5/3
	Single operator	Double operator	Closed centre	Open centre
	14 4 2 12	14 4 2 12	14 4 2 12	14 4 2 12
Internal	MV-A3B-B111			
External	MV-A3B-B121	MV-A3B-B221	MV-A3B-B322	MV-A3B-B321

## **DUAL PRESSURE VALVES**

Air spring	5/2 Single operator	5/2 Double operator	5/3 Pressure centre
	14 	$ \begin{array}{c c} 14 & 4 & 2 & 12 \\ - & 10 & 7 & 7 & 3 \\ \hline  & 5 & 7 & 3 & 3 \end{array} $	
Internal port 3	MV-A3B-B131		
Internal port 5	MV-A3B-B135		
External	MV-A3B-B141	MV-A3B-B241	MV-A3B-B341

Note: ISO valves are delivered w/o base.







Fluid: Pressure range:

Air signal pressure:

Lubrication:

Filtration:

Temperature range:

Orifice:

Flow (at 6 bar,  $\Delta P = 1 bar$ ):

Leak rate:

Spare parts :

Compressed air, vacuum, inert gases

Vacuum to 10 bar

Single operator and 3 positions : 1.8 to 10 bar ≥ main valve pressure

Double operator: 0.7 to 10 bar

Not required, if used  $\,$  select a medium aniline point lubricant (between 80  $^{\circ}\text{C}$  and 100  $^{\circ}\text{C})$ 

40 µ

-18°C to +50°C

24 mm

G 1/2" - G 3/4" : 6300 NI/min (C<sub>v</sub>6.3)

100 cm<sup>3</sup>/min

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

#### DIMENSIONS



