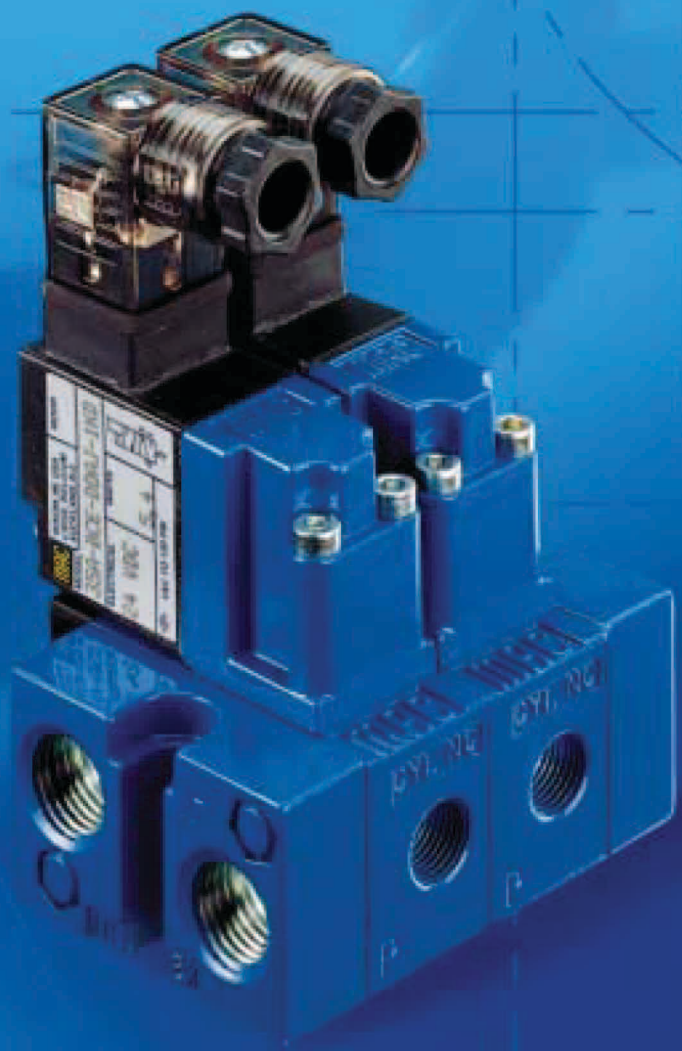
MAC®

VALVES

LDA

Solutions for Life



Air Valves

MAC
Series 6300

Individual mounting

sub-base

Manifold mounting

sub-base

Series

MAC

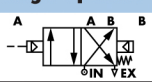
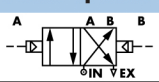
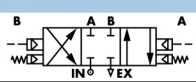
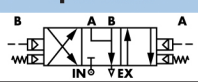
Series 6300

Function	Port size	Flow (Max)	Individual mounting	Series
4/2 - 4/3	**1/4" - 3/8" - 1/2"**	**3.0 C_v**	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

Port size	4/2 Single operator	4/2 Double operator	4/3 Closed center	4/3 Open center
				
Valve less base	6312D-000-RA	6322D-000-RA	6332D-000-RA	6342D-000-RA
Sub-base 1/4" NPTF	6312D-131-RA	6322D-141-RA	6332D-141-RA	6342D-141-RA
Sub-base 3/8" NPTF	6312D-231-RA	6322D-241-RA	6332D-241-RA	6342D-241-RA
Sub-base 1/2" NPTF	6312D-331-RA	6322D-341-RA	6332D-341-RA	6342D-341-RA

OPTIONS

6312D-131-RA

- For bottom ports (excluding 1/2"), replace by 4.

MAC

Series 6300

100% OF PRODUCTION TESTED 100%

WARRANTY 18 MONTHS

TECHNICAL DATA

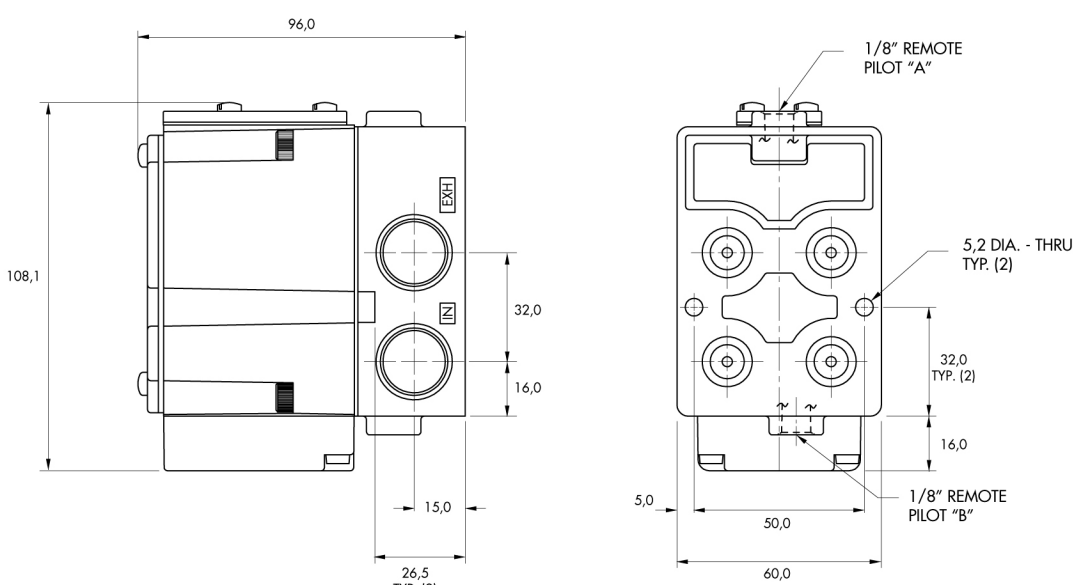
Fluid :	Compressed air, vacuum, inert gases
Pressure range :	Vacuum to 150 PSI
Air signal pressure :	Single operator and 3 positions : 25 to 150 PSI ≥ main valve pressure Double operator : 10 to 150 PSI
Lubrication :	Not required, if used select a medium aniline point lubricant (between 180°F to 210°F)
Filtration :	40 µ
Temperature range :	0°F to 120°F (-18°C to 50°C)
Flow (at 6 bar, ΔP=1bar) :	1/4" : (2.0 C_v), 3/8" : (2.6 C_v), 1/2" : (3.0 C_v)

Spare parts :
- Remote air operator (A side) : R-63004A. • Remote air operator (B side) : R-63005A.
- Seal between valve and base : 16298. • Mounting screw valve to base (x4) : 35303.

Options :
- BSPP threads.

DIMENSIONS

Dimensions shown are metric (mm)



MAC

Series 6300

Function	Port size	Flow (Max)	Manifold mounting	Series
4/2 - 4/3	**1/4" - 3/8" - 1/2"**	**3.0 C_v**	sub-base	

OPERATIONAL BENEFITS

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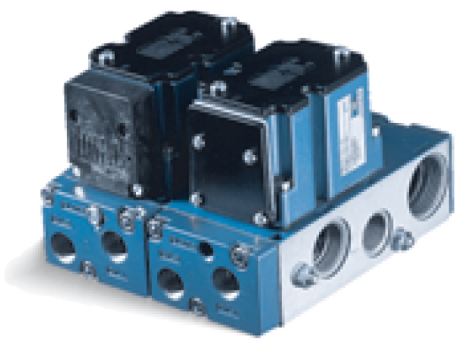
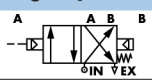
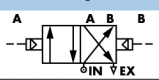
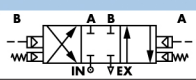
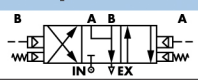


HOW TO ORDER

Port size	4/2 Single operator	4/2 Double operator	4/3 Closed center	4/3 Open center
				
Valve less base	6312D-000-RA	6322D-000-RA	6332D-000-RA	6342D-000-RA
Sub-base 1/4" NPTF	6312D-431-RA	6322D-441-RA	6332D-441-RA	6342D-441-RA
Sub-base 3/8" NPTF	6312D-531-RA	6322D-541-RA	6332D-541-RA	6342D-541-RA
Sub-base 1/2" NPTF	6312D-631-RA	6322D-641-RA	6332D-641-RA	6342D-641-RA

OPTIONS

6312D-431-RA

- For bottom cylinder ports, replace by 4.

Fastening kit : N-63002-01

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TECHNICAL DATA

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Pressure range :	Vacuum to 150 PSI
Air signal pressure :	Single operator and 3 positions : 25 to 150 PSI ≥ main valve pressure Double operator : 10 to 150 PSI
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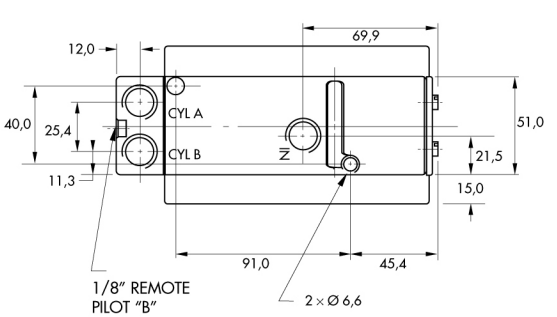
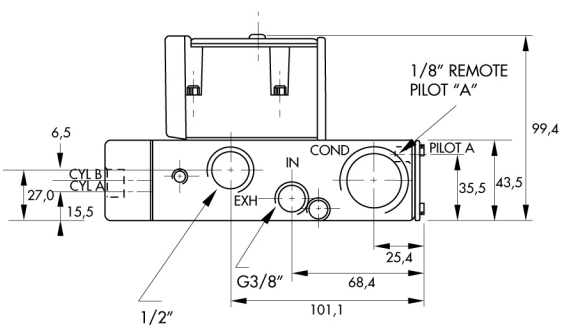
Spare parts : • Remote air operator (A side) : R-63004A. • Remote air operator (B side) : R-63005A. • Seal between valve and base : 16298.
• Mounting screw valve to base (x4) : 35303. • Tie-rod (x2) : 19624.

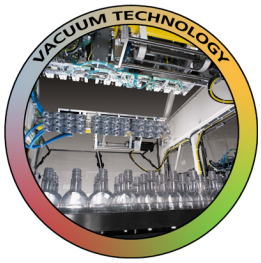
Options : • BSPP threads.

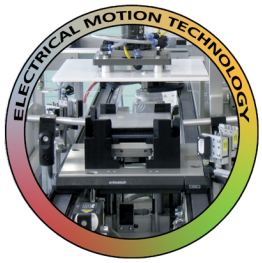
DIMENSIONS

Dimensions shown are metric (mm)









We look forward to your application.

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