

Individual mounting

sub-base	
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Manifold mounting

sub-base	
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Series

1100

55

56

57

58

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700

900

82

6300

6500

6600

2700

1800

ISO 1

ISO 2

ISO 3

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.



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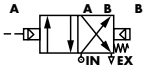
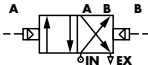
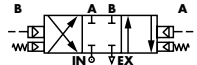
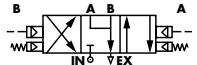
1800

ISO 1

ISO 2

ISO 3

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.

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) :	1/4" : (2.0 C _v), 3/8" : (2.6 C _v), 1/2" : (3.0 C _v)

Spare parts :

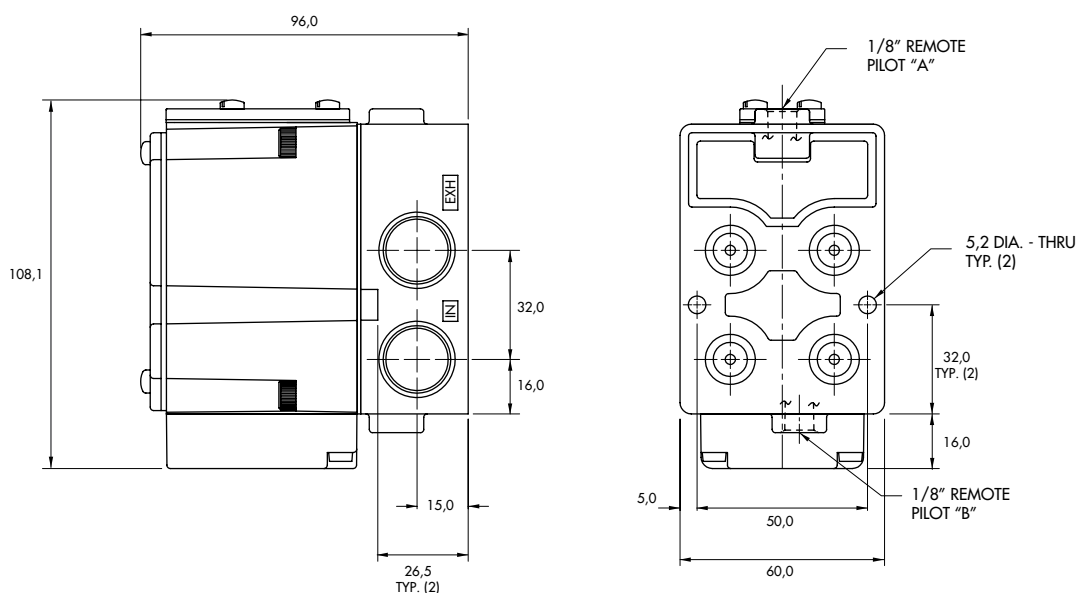
- Remote air operator (A side) : R-63004A. • Remote air operator (B side) : R-63005A.
- Seal between valve and base : 16298. • Mounting screw valve to base (x4) : 35303.

Options :

- BSPP threads.

DIMENSIONS

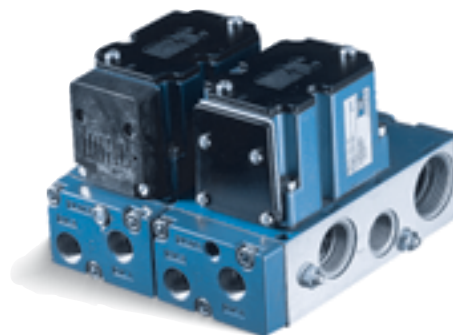
Dimensions shown are metric (mm)



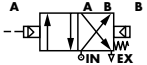
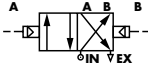
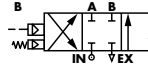
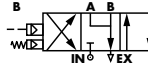
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HOW TO ORDER

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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Flow (at 6 bar, $\Delta P=1$ bar) :	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. • Tie-rod (x2) : 19624.
- Options :
- BSPP threads.

DIMENSIONS

Dimensions shown are metric (mm)

