



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

Individual mounting

sub-base	
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Series

Manifold mounting

sub-base	
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**1100**

**55**

**56**

**57**

**58**

**59**

**700**

**900**

**82**

**6300**

**6500**

**6600**

**2700**

**1800**

**ISO 1**

**ISO 2**

**ISO 3**

Function	Port size	Flow (Max)	Individual mounting	Series
<b>4/2 - 4/3</b>	<b>1/4" - 3/8" - 1/2"</b>	<b>3.0 C<sub>v</sub></b>	sub-base	

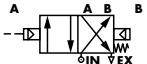
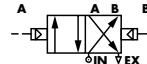
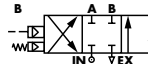
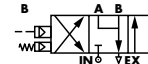
**OPERATIONAL BENEFITS**

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.




1100  
55  
56  
57  
58  
59

**HOW TO ORDER**

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

700  
900  
82

**OPTIONS**

6312D-131-RA  
 - For bottom ports (excluding 1/2"), replace by 4.

6300  
6500  
6600  
2700  
1800  
ISO 1  
ISO 2  
ISO 3

**TECHNICAL DATA**

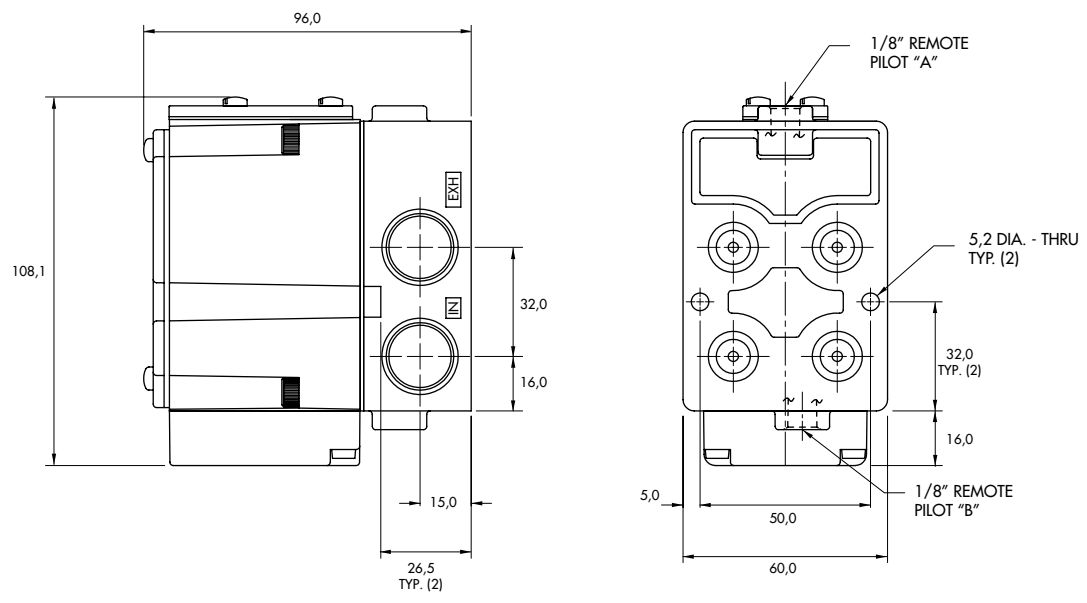
<b>Fluid :</b>	Compressed air, vacuum, inert gases
<b>Pressure range :</b>	Vacuum to 150 PSI
<b>Air signal pressure :</b>	Single operator and 3 positions : 25 to 150 PSI $\geq$ main valve pressure      Double operator : 10 to 150 PSI
<b>Lubrication :</b>	Not required, if used select a medium aniline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

- 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**

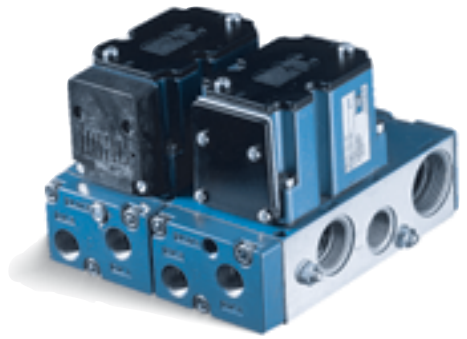
Dimensions shown are metric (mm)



Function	Port size	Flow [Max]	Manifold mounting	Series
<b>4/2 - 4/3</b>	<b>1/4" - 3/8" - 1/2"</b>	<b>3.0 C<sub>v</sub></b>	sub-base	

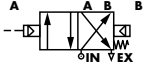
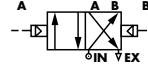
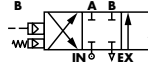
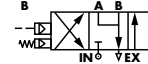
**OPERATIONAL BENEFITS**

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2. Short stroke with high flow.
3. The piston (booster) provides maximum shifting forces.
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7. Low leakage rate.



1100  
55  
56  
57  
58  
59

**HOW TO ORDER**

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

700  
900  
82

**OPTIONS**

6312D-431-RA  
 - For bottom cylinder ports, replace by 4.

Fastening kit : N-63002-01

**6300**  
6500  
6600  
2700  
1800  
ISO 1  
ISO 2  
ISO 3

**TECHNICAL DATA**

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

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)

