

Individual mounting

|          |  |
|----------|--|
| sub-base |  |
|----------|--|

Manifold mounting

|          |  |
|----------|--|
| sub-base |  |
|----------|--|

Series

**1100**

**55**

**56**

**57**

**58**

**59**

**700**

**900**

**82**

**6300**

**6500**

**6600**

**2700**

**1800**

**ISO 1**

**ISO 2**

**ISO 3**

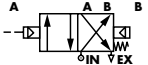
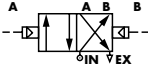
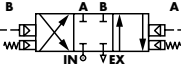
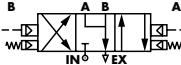
| Function         | Port size                 | Flow [Max]               | Individual mounting | Series |
|------------------|---------------------------|--------------------------|---------------------|--------|
| <b>4/2 - 4/3</b> | <b>3/8" - 1/2" - 3/4"</b> | <b>5.1 C<sub>v</sub></b> | sub-base            |        |

## 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.



## HOW TO ORDER

| Port size                 | 4/2<br>Single operator                                                             | 4/2<br>Double operator                                                             | 4/3<br>Closed center                                                               | 4/3<br>Open center                                                                  | 4/3<br>Pressure center                                                               |
|---------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|                           |  |  |  |  |  |
| <b>Valve less base</b>    | 6512B-000-RA                                                                       | 6522B-000-RA                                                                       | 6532B-000-RA                                                                       | 6542B-000-RA                                                                        | 6552B-000-RA                                                                         |
| <b>Sub-base 3/8" NPTF</b> | 6512B-131-RA                                                                       | 6522B-141-RA                                                                       | 6532B-141-RA                                                                       | 6542B-141-RA                                                                        | 6552B-141-RA                                                                         |
| <b>Sub-base 1/2" NPTF</b> | 6512B-231-RA                                                                       | 6522B-241-RA                                                                       | 6532B-241-RA                                                                       | 6542B-241-RA                                                                        | 6552B-241-RA                                                                         |
| <b>Sub-base 3/4" NPTF</b> | 6512B-331-RA                                                                       | 6522B-341-RA                                                                       | 6532B-341-RA                                                                       | 6542B-341-RA                                                                        | 6552B-341-RA                                                                         |

## OPTIONS

6512B-131-RA

Dual pressure valves : replace by 4. (excluding 3/4" base)

1100

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700

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82

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6500

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2700

1800

ISO 1

ISO 2

ISO 3

# TECHNICAL DATA

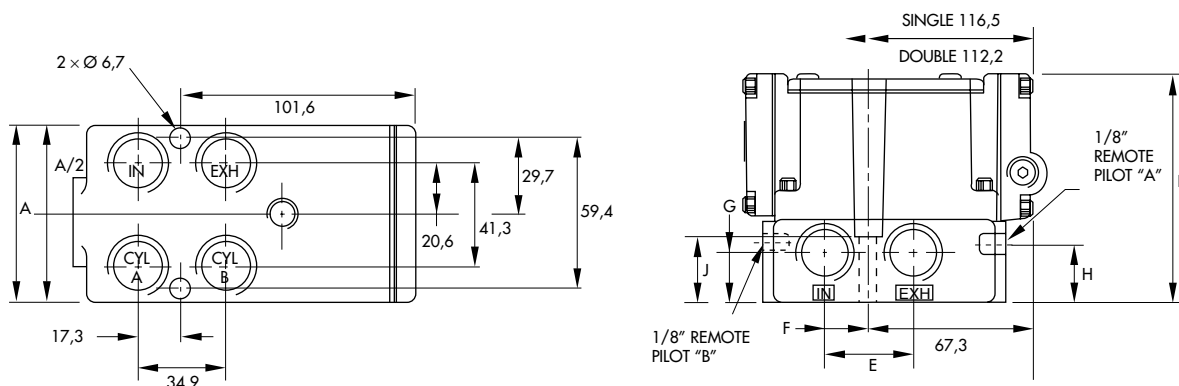
|                                     |                                                                                                                 |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| 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 $\mu$                                                                                                        |
| Temperature range :                 | 0°F to 120°F (-18°C to 50°C)                                                                                    |
| Flow (at 6 bar, $\Delta P=1$ bar) : | 3/8" : (4.5 C <sub>v</sub> ), 1/2" : (5.0 C <sub>v</sub> ), 3/4" : (5.1 C <sub>v</sub> )                        |

Spare parts :      • Remote air operator : R-00008. • Seal between valve and base : 16246. • Mounting screw valve to base (x4) : 32201.

Options :      • BSPP threads.

# DIMENSIONS

Dimensions shown are metric (mm)



| <b>3/8" &amp; 1/2"</b> | 69.6 | 97.4  | 36.0 | 17.9 | 19.0 | 23.6 | 25.4 |
|------------------------|------|-------|------|------|------|------|------|
| <b>3/4"</b>            | 94.5 | 109.3 | 40.1 | 19.2 | 20.8 | 35.9 | 36.6 |

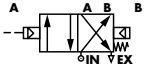
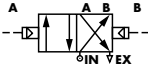
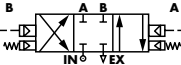
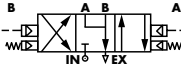
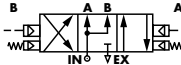
| Function         | Port size                 | Flow [Max]               | Manifold mounting | Series |
|------------------|---------------------------|--------------------------|-------------------|--------|
| <b>4/2 - 4/3</b> | <b>3/8" - 1/2" - 3/4"</b> | <b>5.1 C<sub>v</sub></b> | sub-base          |        |

## OPERATIONAL BENEFITS

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## HOW TO ORDER

| Port size                 | 4/2<br>Single operator                                                             | 4/2<br>Double operator                                                             | 4/3<br>Closed center                                                               | 4/3<br>Open center                                                                  | 4/3<br>Pressure center                                                               |
|---------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|                           |  |  |  |  |  |
| <b>Valve less base</b>    | 6512B-000-RA                                                                       | 6522B-000-RA                                                                       | 6532B-000-RA                                                                       | 6542B-000-RA                                                                        | 6552B-000-RA                                                                         |
| <b>Sub-base 3/8" NPTF</b> | 6512B-431-RA                                                                       | 6522B-441-RA                                                                       | 6532B-441-RA                                                                       | 6542B-441-RA                                                                        | 6552B-441-RA                                                                         |
| <b>Sub-base 1/2" NPTF</b> | 6512B-531-RA                                                                       | 6522B-541-RA                                                                       | 6532B-541-RA                                                                       | 6542B-541-RA                                                                        | 6552B-541-RA                                                                         |
| <b>Sub-base 3/4" NPTF</b> | 6512B-631-RA                                                                       | 6522B-641-RA                                                                       | 6532B-641-RA                                                                       | 6542B-641-RA                                                                        | 6552B-641-RA                                                                         |

## OPTIONS

6512B-431-RA

For dual pressure valves, replace by 4.

Fastening kit : N-65002-01.

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| Pressure range :                    | Vacuum to 150 PSI                                                                                               |
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| Filtration :                        | 40 $\mu$                                                                                                        |
| Temperature range :                 | 0°F to 120°F (-18°C to 50°C)                                                                                    |
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Spare parts :

- Remote air operator : R-00008. • Seal between valve and base : 16246.
- Mounting screw valve to base (x4) : 32201. • Tie-rod (x2) : 19540.

Options :

- BSPP threads.

# DIMENSIONS

Dimensions shown are metric (mm)

