

Individual mounting

sub-base	
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Manifold mounting

sub-base	
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Series

1100

55

56

57

58

59

700

900

82

6300

6500

6600

2700

1800

ISO 1

ISO 2

ISO 3

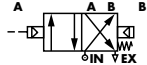
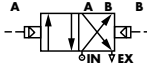
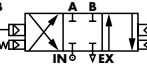
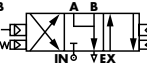
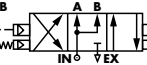
Function	Port size	Flow (Max)	Individual mounting	Series
4/2 - 4/3	1/8" - 1/4" - 3/8"	1.35 C_v	sub-base	

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	4/3 Pressure center
					
Valve less base	82A-AB-000-RA	82A-BB-000-RA	82A-EB-000-RA	82A-FB-000-RA	82A-GB-000-RA
Sub-base 1/8" NPTF	82A-AB-AAA-RA	82A-BB-AAD-RA	82A-EB-AAD-RA	82A-FB-AAD-RA	82A-GB-AAD-RA
Sub-base 1/4" NPTF	82A-AB-BAA-RA	82A-BB-BAD-RA	82A-EB-BAD-RA	82A-FB-BAD-RA	82A-GB-BAD-RA
Sub-base 3/8" NPTF	82A-AB-CAA-RA	82A-BB-CAD-RA	82A-EB-CAD-RA	82A-FB-CAD-RA	82A-GB-CAD-RA

OPTIONS

82A-AB-000-RA

└ - For dual pressure valves, replace A by C, B by D, E by M, F by L, G by H.

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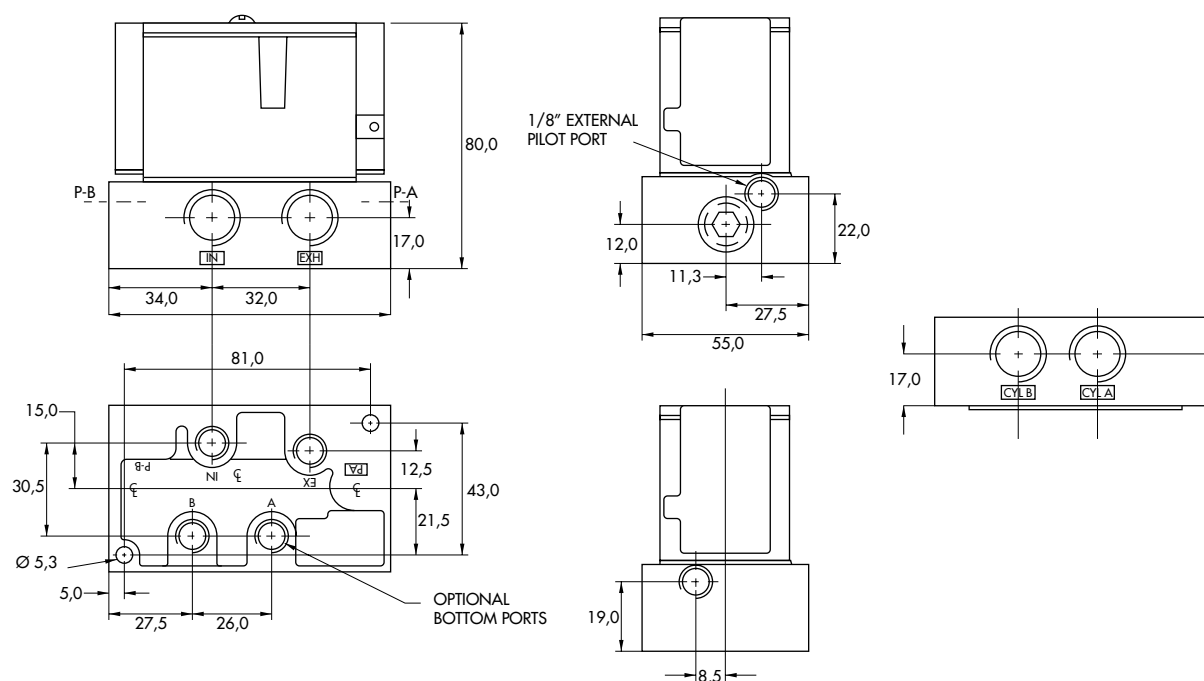
TECHNICAL DATA

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) :	1/8" : (0.9 C _v), 1/4" : (1.3 C _v), 3/8" : (1.35 C _v)

- Spare parts : • Remote air adapter assy.: R-82003.
- Options : • BSPP threads.

DIMENSIONS

Dimensions shown are metric (mm)



Function	Port size	Flow [Max]	Manifold mounting	Series
4/2 - 4/3	1/4" - 3/8"	1.35 C_v	sub-base	

OPERATIONAL BENEFITS

1. Balanced spool, immune to variations of pressure.
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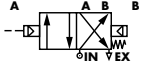
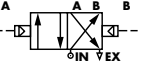
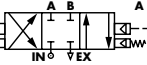
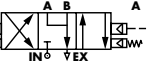
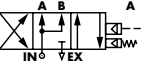
1800

ISO 1

ISO 2

ISO 3

HOW TO ORDER

Port size	Pilot air	4/2 Single operator	4/2 Double operator	4/3 Closed center	4/3 Open center	4/3 Pressure center
						
Valve less base	Internal only	82A-AB-000-TM-RA11	82A-BB-000-TM-RA11	82A-EB-000-TM-RA11	82A-FB-000-TM-RA11	82A-GB-000-TM-RA11
Sub-base	Internal	82A-AB-BKA-TM-RA11	82A-BB-BKA-TM-RA11	82A-EB-BKA-TM-RA11	82A-FB-BKA-TM-RA11	82A-GB-BKA-TM-RA11
1/4" NPTF	External	82A-AB-BKD-TM-RA11	82A-BB-BKD-TM-RA11	82A-EB-BKD-TM-RA11	82A-FB-BKD-TM-RA11	82A-GB-BKD-TM-RA11
Sub-base	Internal	82A-AB-CKA-TM-RA11	82A-BB-CKA-TM-RA11	82A-EB-CKA-TM-RA11	82A-FB-CKA-TM-RA11	82A-GB-CKA-TM-RA11
3/8" NPTF	External	82A-AB-CKD-TM-RA11	82A-BB-CKD-TM-RA11	82A-EB-CKD-TM-RA11	82A-FB-CKD-TM-RA11	82A-GB-CKD-TM-RA11

OPTIONS

82A-AB-000-TM-RA11

— For dual pressure valves, replace A by C, B by D, E by M, F by L, G by H.

Manifold fastening kit : N-82005-01.

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 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" : (1.3 C _v), 3/8" : (1.35 C _v)

Spare parts : • Remote air operated pilot : TM-RA11.

Options : • BSPP threads.

DIMENSIONS

Dimensions shown are metric (mm)

