

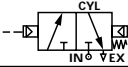
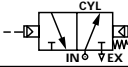
Function	Port size	Flow (Max)	Individual mounting
3/2 NO-NC, 2/2 NO-NC	1/2" - 3/4" - 1"	17.4 C _v	Inline

OPERATIONAL BENEFITS

- Balanced spool, immune to variations of pressure.
- Short stroke with high flow.
- The piston (booster) provides maximum shifting forces.
- Powerful return thanks to the combination of mechanical and air springs.
- Bonded spool with minimum friction, shifting in a glass-like finished bore.
- Wiping effect eliminates sticking.
- Low leakage rate.



HOW TO ORDER

Port size	Air spring	NC valve	NO valve
			
1/2" NPTF	Internal	57C-51-RA	57C-81-RA
3/4" NPTF		57C-52-RA	57C-82-RA
1" NPTF		57C-53-RA	57C-83-RA
1/2" NPTF	External	57C-51-RE	57C-81-RE
3/4" NPTF		57C-52-RE	57C-82-RE
1" NPTF		57C-53-RE	57C-83-RE

Air pilot port : 1/8" NPTF.

Note: Designation "RE" required on remote air pilot models with main valve pressures of vacuum to 25 PSI. "RE" provides an external pilot port and should have a pressure range of 25-75 PSI. Since the external pilot supplies the air spring, it must not exceed the remote air pilot signal pressure.

TECHNICAL DATA

Fluid :	Compressed air, vacuum, inert gases
Pressure range :	Vacuum to 150 PSI
Air signal pressure :	25 - 150 PSI \geq main valve pressure
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, $\Delta P=1\text{bar}$) :	1/2" : (11.0 C _v), 3/4" : (15.3 C _v), 1" : (17.4 C _v)
Leak rate :	100 cm ³ /min

Spare parts : • Remote air pilot block : R-59003. • Check valve : 70019.

Options : • BSPP threads.

DIMENSIONS

Dimensions shown are metric (mm)

