

Function	Port size	Flow (Max)	Individual mounting
3/2 NO-NC, 2/2 NO-NC	3/8" - 1/2" - 3/4"	6.2 C _v	Inline

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	Air spring	NC valve	NO valve
3/8" NPTF	Internal	56C-52-RA	56C-82-RA
1/2" NPTF		56C-53-RA	56C-83-RA
3/4" NPTF		56C-57-RA	56C-87-RA
3/8" NPTF	External	56C-52-RE	56C-82-RE
1/2" NPTF		56C-53-RE	56C-83-RE
3/4" NPTF		56C-57-RE	56C-87-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 25-100 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, $\Delta P=1\text{bar}$) :	3/8" : (6.0 C _v), 1/2" : (6.1 C _v), 3/4" : (6.2 C _v)
Leak rate :	70 cm ³ /min

Spare parts : • Remote air operator : R-56001. • Check valve : 70063.

Options : • BSPP threads.

DIMENSIONS

Dimensions shown are metric (mm)

