



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

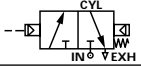
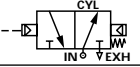
Function	Port size	Flow (Max)	Individual mounting
3/2 NO-NC, 2/2 NO-NC	1/4" - 3/8"	2.5 C <sub>v</sub>	Inline

### 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
			
1/4" NPTF	Internal	55B-11-RA	55B-21-RA
3/8" NPTF	Internal	55B-12-RA	55B-22-RA
1/4" NPTF	External	55B-11-RE	55B-21-RE
3/8" NPTF	External	55B-12-RE	55B-22-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 $\mu$
Temperature range :	0°F to 120°F (-18°C to 50°C)
Flow (at 6 bar, $\Delta P=1\text{bar}$ ) :	1/4" : (2.5 C <sub>v</sub> ), 3/8" : (2.5 C <sub>v</sub> )
Leak rate :	50 cm <sup>3</sup> /min

Spare parts : • Remote air operator : R-55001-01. • Check valve : 70061.

Options : • BSPP threads.

**DIMENSIONS**

Dimensions shown are metric (mm)

