



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

Function	Port size	Flow (Max)	Individual mounting	Series
3/2 NO-NC, 2/2 NO-NC	1" - 1 1/4" - 1 1/2"	33.5 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.



1100
55
56
57
58
59

HOW TO ORDER

Port size	Air spring	NC valve	NO valve
1" NPTF	Internal	58D-51-RA	58D-81-RA
1 1/4" NPTF		58D-52-RA	58D-82-RA
1 1/2" NPTF		58D-53-RA	58D-83-RA
1" NPTF	External	58D-51-RE	58D-81-RE
1 1/4" NPTF		58D-52-RE	58D-82-RE
1 1/2" NPTF		58D-53-RE	58D-83-RE

700
900
82

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.

6300
6500
6600
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 :	25 - 150 PSI ≥ 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, ΔP=1bar) :	1" : (31.2 C _v), 1 1/4" : (32.5 C _v), 1 1/2" : (33.5 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)

Ø 13,5 MT'G HOLES

