



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

Function	Port size	Flow (Max)	Individual mounting	Series
<b>3/2 NO-NC, 2/2 NO-NC</b>	<b>1" - 1 1/4" - 1 1/2"</b>	<b>33.5 C<sub>v</sub></b>	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.



1100  
55  
56  
57  
**58**  
59

### HOW TO ORDER

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

<b>Fluid :</b>	Compressed air, vacuum, inert gases
<b>Pressure range :</b>	Vacuum to 150 PSI
<b>Air signal pressure :</b>	25 - 150 PSI ≥ main valve pressure
<b>Lubrication :</b>	Not required, if used select a medium aniline point lubricant (between 180°F to 210°F)
<b>Filtration :</b>	40 μ
<b>Temperature range :</b>	0°F to 120°F (-18°C to 50°C)
<b>Flow (at 6 bar, ΔP=1bar) :</b>	1" : (31.2 C <sub>v</sub> ), 1 1/4" : (32.5 C <sub>v</sub> ), 1 1/2" : (33.5 C <sub>v</sub> )

- 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

