



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 | 1/2" - 3/4" - 1" | 17.4 Cv | 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
- 700
- 900
- 82
- 6300
- 6500
- 6600
- 2700
- 1800
- ISO 1
- ISO 2
- ISO 3

HOW TO ORDER

| Port size | Air spring | NC valve | NO valve |
|------------------|------------|-----------|-----------|
| | | | |
| 1/2" NPTF | Internal | 57D-51-RA | 57D-81-RA |
| 3/4" NPTF | | 57D-52-RA | 57D-82-RA |
| 1" NPTF | | 57D-53-RA | 57D-83-RA |
| 1/2" NPTF | External | 57D-51-RE | 57D-81-RE |
| 3/4" NPTF | | 57D-52-RE | 57D-82-RE |
| 1" NPTF | | 57D-53-RE | 57D-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 ≥ 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) : | 1/2" : (11.0 C _v), 3/4" : (15.3 C _v), 1" : (17.4 C _v) |

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

DIMENSIONS

Dimensions shown are metric (mm)

