

Remote air valves

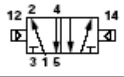
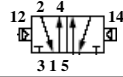
Function	Port size	Flow (Max)	Individual mounting	Series
5/2, 5/3	G1/4" – G3/8"	1500 NI/min	Inline	83

OPERATIONAL BENEFITS

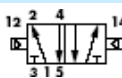
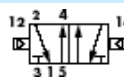
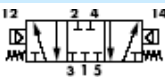
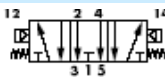
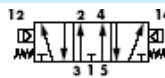
1. Balanced spool, immune to variations of pressure, also provides high flow.
2. Bonded spool with minimum friction, shifting in a glass-like finished bore.
3. Wiping effect eliminates sticking
4. Long service life
5. Short stroke with high flow

HOW TO ORDER

SINGLE OPERATOR

Port size	Pilot air	5/2 Single pressure	5/2 Dual pressure
			
G1/4"	Internal	83A-AAC-DM-RA14	83A-CBC-DM-RA14
	External 14 End	83A-ADC-DM-RA14	83A-CDC-DM-RA14
	External 12 End	83A-AEC-DM-RA14	83A-CEC-DM-RA14
G3/8"	Internal	83A-AAD-DM-RA14	83A-CBD-DM-RA14
	External 14 End	83A-ADD-DM-RA14	83A-CDD-DM-RA14
	External 12 End	83A-AED-DM-RA14	83A-CED-DM-RA14

DOUBLE OPERATOR

Port size	5/2 Single pressure	5/2 Dual pressure	5/3 Closed centre	5/3 Open centre	5/3 Dual pressure Pressure centre
					
G1/4"	83A-BFC-RA	83A-DFC-RA	83A-EFC-RA	83A-FFC-RA	83A-GFC-RA
G3/8"	83A-BFD-RA	83A-DFD-RA	83A-EFD-RA	83A-FFD-RA	83A-GFD-RA

Note: Above models are for side cylinder ports

OPTIONS

Single operator

83A- **X** xx-DM-RA14

- Replace by **M** for single pressure with memory spring
- Replace by **N** for dual pressure with memory spring

83A-xx **X** -DM-RA14

- Replace by **H** for bottom cylinder ports (1/4" BSPP)

Double operator

83A-xx **X** -RA

- Replace by **H** for bottom cylinder ports (1/4" BSPP)

Remote air valves

TECHNICAL DATA

Fluid:	Compressed air, vacuum, inert gases
Pressure range:	Sgl. operator : vacuum to 8 bar (external pilot) 1,3 to 8 bar (internal pilot) 2,3 to 8 bar (internal pilot with memory spring) Dbl. operator : 1,3 to 8 bar
Air signal pressure:	Sgl. operator: 2,3 to 4 bar – Dbl. operator: 1,3 to 8 bar (must be \geq main valve pressure)
Lubrication:	Not required, if used select a medium aniline point lubricant (between 80°C and 100°C)
Filtration:	40 μ
Temperature range:	-18°C to +50°C
Orifice:	8,5 mm
Flow:	1500 NI/min (2 pos.) – 1100 NI/min (3 pos.)

Options: NPTF threads

DIMENSIONS

