

Balanced spool pneumatic microvalves - K Series

Connections: 1/8"

K SERIES



Balanced spool valves with dynamic sealing

Fast switching times

Small footprint

Anodised aluminium body and bases

Pneumatically operated with external piloting

Possibility of series assembly

TECHNICAL FEATURES

Function	5/2
Operation	Pneumatic: External piloting - Monostable pneumatic spring return, bistable
Materials	Body, base and cover in anodised aluminium alloy - Internal components in steel - aluminium - brass NBR gaskets
Note on materials	Compliant with REACH (1907/2006/EC and subsequent amendments)
Connections	1/8" Gas
Threads	Cylindrical gases (BSPP)
Operating temperature	0°C ÷ 80°C (-20°C with dry air, to avoid ice formation)
Operating pressure	0 ÷ 7 bar
Pilot actuation pressure	1.5 bar
Air flow rate	1/8"
Nominal diameter	4mm
Supply pressure	5 bar 320 NI/min
(with ΔP 1 bar)	6 bar 350 NI/min
	7 bar 400 NI/min
	See flow diagram page 3.1.05.1
Fluid	Filtered air, lubrication-free, compliant with ISO 8573-1:2010 [7:4:4]
Lubrication	Not required (if required in the pneumatic circuit, it must be continuous)

FLOW DIAGRAMS - PNEUMATICALLY OPERATED VALVES

FLOW RATE DIAGRAM - 1/8" MICROVALVE

