

PILOT, LOGIC & SPECIALIST VALVES

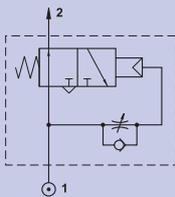
SPECIALIST VALVES



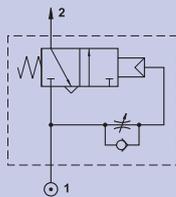
Specification

Model	KP100014	KP100094	KP010444	KP010464	KP100354	KP000744	KP2005
Fluid	Air (to be filtered by 50µm filter element)						
Port	G1/8"		G1/4"			G1/8"	M5
Working Pressure	0.2 - 1MPa (30 - 145psi)				0.3 - 1MPa (45 - 145psi)	0.2 - 1MPa (30 - 145psi)	0.3 - 0.8MPa (45 - 116psi)
Actuating Pressure	-	-	0.3 - 1MPa (45 - 145psi)	0.2 - 1MPa (30 - 145psi)	0.3 - 1MPa (45 - 145psi)	-	-
Temperature	0°C to +60°C						
Material of Body	Aluminium						
Material of Spring	Stainless Steel						
Material of Seals	NBR						
Material of Internal Components	Brass						
Material of Spool	-	-	Nickel Plated Aluminium				-
Time Regulating range	0 - 15 sec				-	0 to 15 sec	-

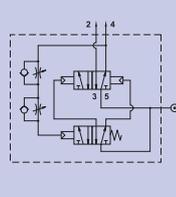
Symbols



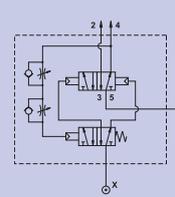
Impulse Valve, NO



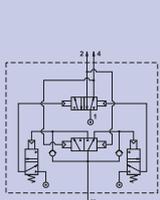
Impulse Valve, NC



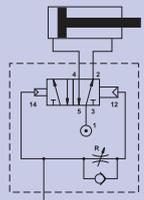
Oscillating Valve,
Continuing Cycle



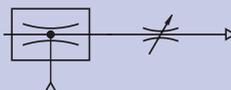
Oscillating Valve,
Pneumatically Piloted



Flip Flop Valve,
Pneumatically Piloted



High Flow Pneumatic Timer
for Automatic Return



Vacuum Driven
Liquid Sprayer

PILOT, LOGIC & SPECIALIST VALVES

SPECIALIST VALVES

Dimensions Oscillating Valves

Model:

- **KP010444** Continuous Cycle
- **KP010464** Pneumatically Piloted

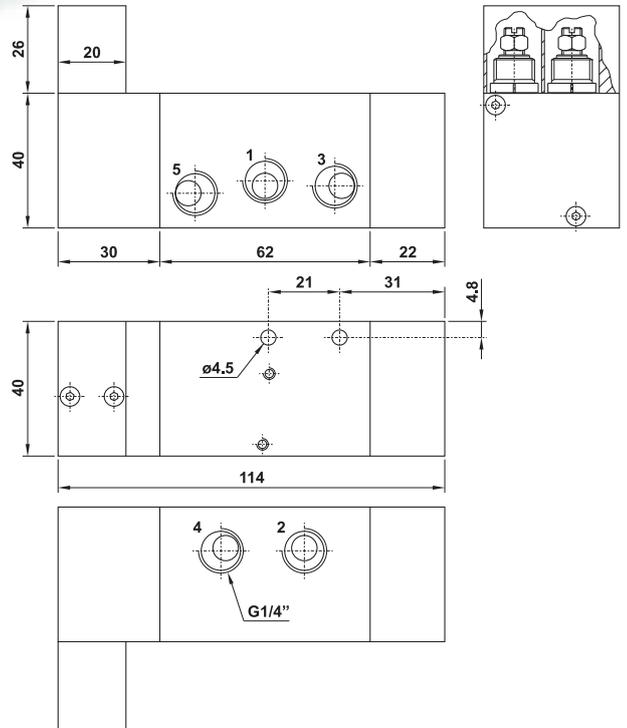
Valve Operation

Both valves are high-flow valves which allow a double acting cylinder or analogue pneumatic equipment to automatically extend and retract without the need for limit switches. The frequency of the phases is set via the two adjusting screws which are placed at the end of the oscillating valve and protected by a cover. One screw is to set the retract dwell time and the other is to set the extend dwell time. On request the adjusting screws can be mounted on a panel in remote position.

Two types of valves are available:

- **KP010444** – which requires system pressure only.
- **KP010464** – which requires a constant pilot signal at X. This pressure can be independent to the pressure at port 1.

KP010444 Continuous Cycle



KP010464 Pneumatically Piloted

