## PILOT, LOGIC & SPECIALIST VALVES

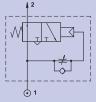




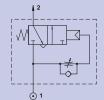
### Specification

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	-





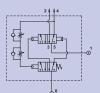
Impulse Valve, NO



Impulse Valve, NC



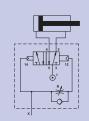
Oscillating Valve, Continuing Cycle



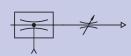
Oscillating Valve, Pneumatically Piloted



Flip Flop Valve, Pneumatically Piloted



High Flow Pneumatic Timer for Automatic Return



Vacuum Driven Liquid Sprayer

# PILOT, LOGIC & SPECIALIST VALVES SPECIALIST VALVES

### Dimensions Flip Flop Valve

Model:

KP100354

#### Valve Operation

The valve is a high-flow valve which, by applying a pilot pressure to point X, will, for example, extend and retract a double acting cylinder. The 'flip-flop' valve requires two pilot signals for a complete cycle: one momentary signal to extend the cylinder stroke and one momentary signal to retract. A maintained pilot signal will generate one half of the cycle. The valve will stay in this position until the signal is exhausted and then applied again. In the event of a pilot pressure failure or system maintenance a manual override facility is provided.

