

# Flip/Flop Valve

## Valve operation

This is a high-flow device which, by applying a pilot pressure either pneumatic or electrical 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 pilot pressure failure or system maintenance a manual override facility is provided.

Various types of flip-flop valves are available:

### G1/4"

code **10.035.4** The valve is actuated by applying a pneumatic signal to point X. The signal pressure can be different to the pressure at port 1.

code **10.018.3** The valve is actuated by an electrical signal.

### G1/8"

code **10.080.4** The valve is actuated by applying a pneumatic signal to point X. The signal pressure can be different to the pressure at port 1.

## Materials

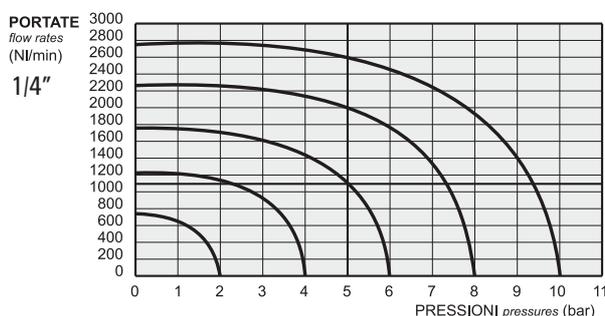
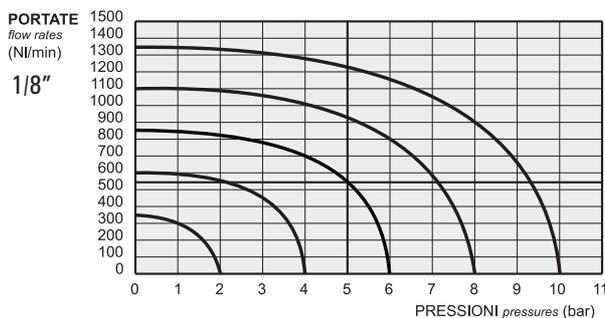
Body: aluminium 11S

Springs: stainless steel

Seals: NBR

Spools: nickel plated aluminium

Internal parts: brass OT58



The following listed products are sold without coils, which are bought separately (refer to page 357).

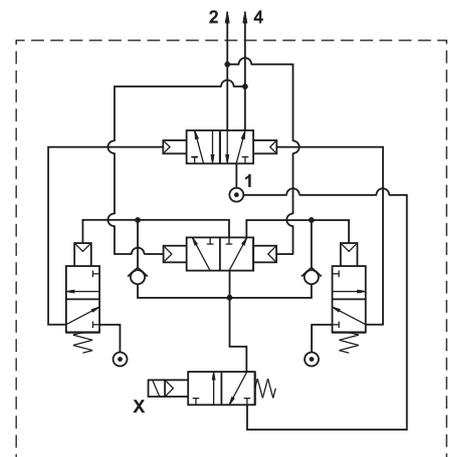
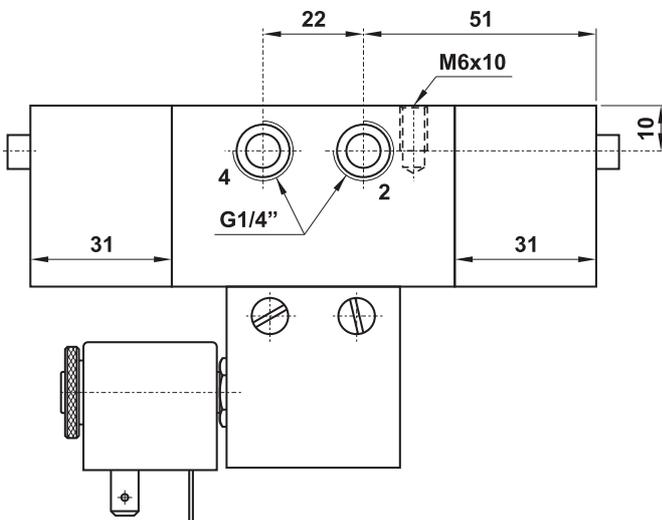
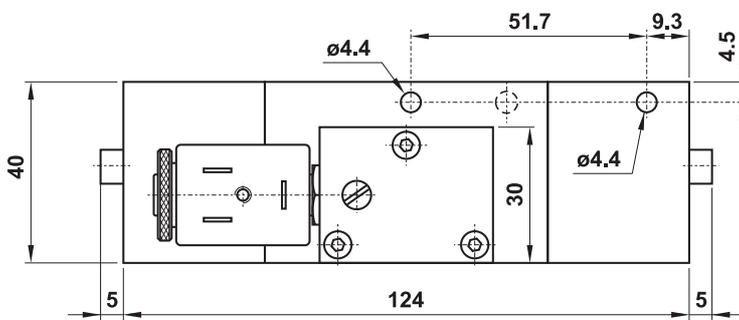
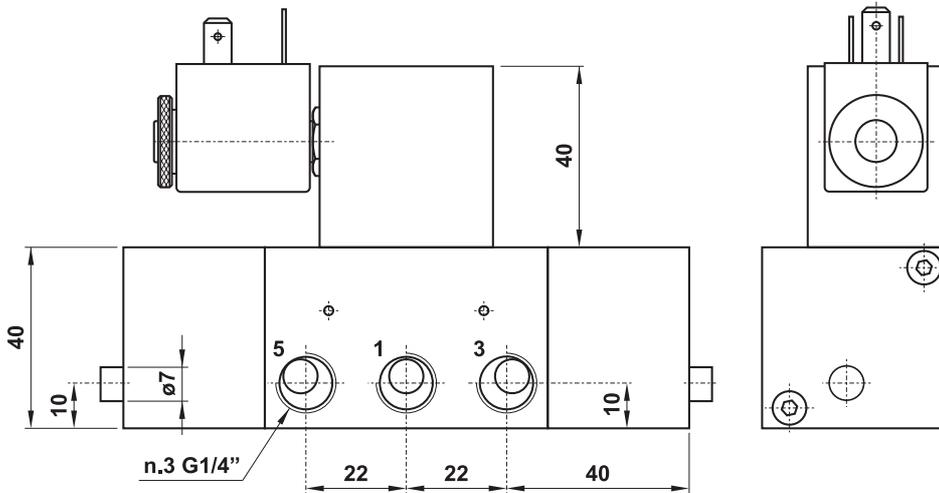
Attacchi Parts	G1/8"-G1/4"
Pressione di esercizio Working pressure	3 ... 10 bar 0.3 ... 1 MPa
Pressione di azionamento pneumatico (X) Pneumatic actuating pressure (X)	2 ... 10 bar 0.2 ... 1 MPa
Temperatura di esercizio Temperature range	max +60°C
Fluido Fluid	Aria filtrata 50µ con o senza lubrificazione 50µ filtered, lubricated or non lubricated air

**G1/4"**

***solenoid piloted***

**ORDER CODE**

**10.018.3**



**G1/4"**

*pneumatically piloted*

**ORDER CODE**  
**10.035.4**

