

22 Directional Control Valves – M-MJTV G1/8 3/2 & 5/2 Toggle Valves

M-MJTV G1/8 Toggle Valves

3/2 valves have a supply, outlet and exhaust port. When the toggle is in the “on” position, air flows from the inlet to the outlet and the exhaust port is blocked. Moving the toggle to the “off” position closes the inlet and opens the outlet to an exhaust port which vents the outlet to atmosphere. 5/2 valves can supply and exhaust two different outlets, and are commonly used with double-acting cylinders. When the toggle is in one position, air flows from the inlet to one of the outlets. The second outlet is open to the exhaust port which is vented to atmosphere. Moving the toggle to the opposite position opens the inlet to the second outlet while exhausting the first outlet. 5/2 fully ported valves can be plumbed in a dual pressure inlet configuration to save air consumption.

Medium:
Air

Input Pressure:
M-MJTV-3: 21 bar. max.;
M-MJTV-4/5: 10 bar. max.

Force to Rotate Toggle:

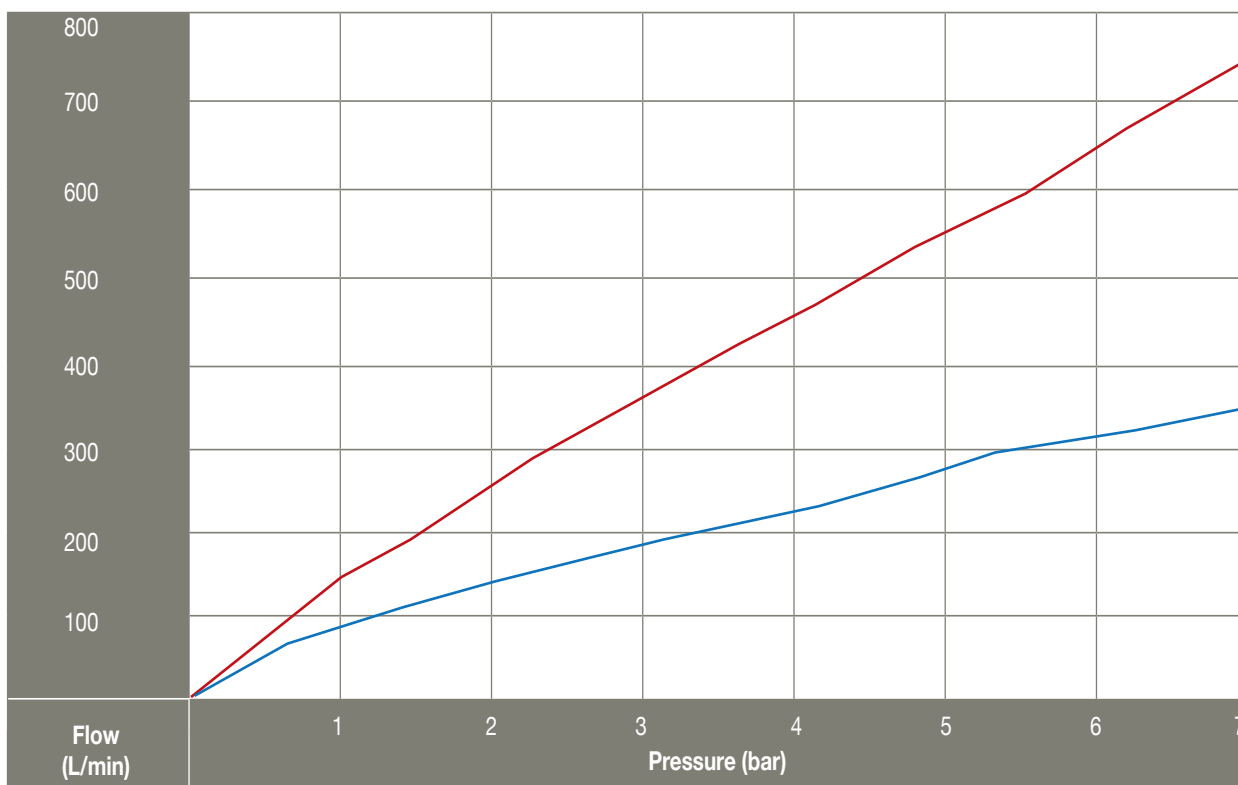
M-MJTV-4: 0.34 kg;
M-MJTV-3, M-MTV-5: 0.45 kg nominal.

Mounting:

M12 x 0.75 thread. Nut and lockwashers furnished.



Pressure vs. Flow



- Compact, rugged construction
- Proven reliability
- Brass body, Nitrile seals, stainless steel stem and spring

- M-MJTV-3
- M-MJTV-4/M-MJTV-5