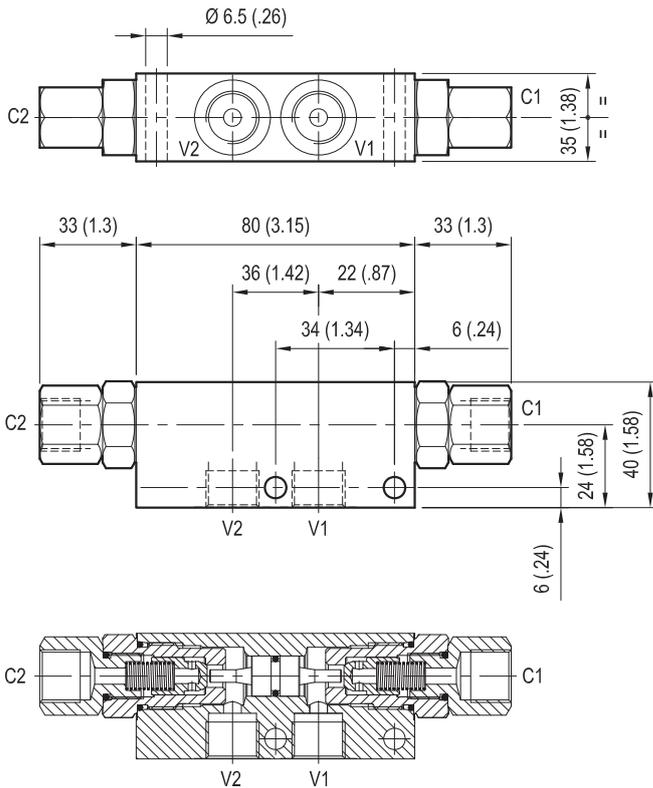


VSO-DE-L

05.53.03 - X - 09 - Z



[mm (inches)]

Flow is allowed to pass in one direction (V1 to C1 or V2 to C2), then the valve remains closed (checked) in both reverse directions (C1 to V1 or C2 to V2) in order to hold and lock in position the cylinder or other actuators; reverse flow is possible only when sufficient pilot pressure is applied at V2 or V1, which act as cross connected pilot ports, and the pilot piston lifts the poppet from its seat overcoming cylinder port pressure.

TECHNICAL DATA

Operating pressure: up to 210 bar (3000 psi)

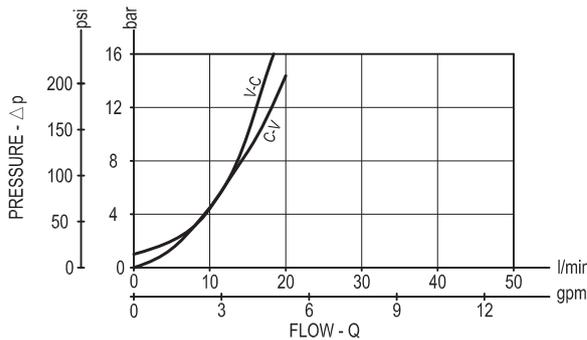
Max flow: 20 l/min (5 gpm)

Aluminium body

NOTE: aluminium bodies are often strong enough for operating pressures exceeding 210 bar (3000 psi), depending from the fatigue life expected in the specific application. If in doubt, consult our Service Network.

Weight: 0.7 kg (1.5 lbs)

The versions with O-Ring and heavier spring are generally recommended.



X	O-RING ON PILOT PISTON	PILOT RATIO
00	No O-Ring	4 : 1
10	With O-Ring	4 : 1
37	No O-Ring	9 : 1

Z		SPRINGS	
		Cracking pressure bar (psi)	Ordering code
X=00	00	3 (44)	03.51.01.024
	01	8 (116)	03.51.01.051
X=10	01	8 (116)	03.51.01.051
X=37	00	3 (44)	03.51.01.024
	01	8 (116)	03.51.01.051

PORT SIZE	
V1-V2-C1-C2	
G 1/4	