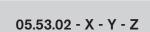


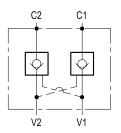
RE 18307-20/04.10 1/2 Replaces: RE 00171/02.07

Pilot operated check, dual

VSO-DE-FC2



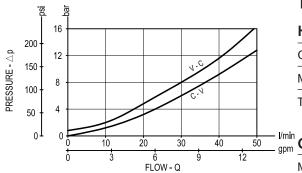




Description

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. For better safety and compact assembly, C1 and C2 ports are flanged (gasket mounted) directly on the actuator.

Performance



Technical data

Other technical data

Hydraulic

Operating pressure	bar (psi)	up to 210 (3000)
Max. flow	l/min (gpm)	50 (13)

The version with O-Ring and heavier spring is generally recommended.

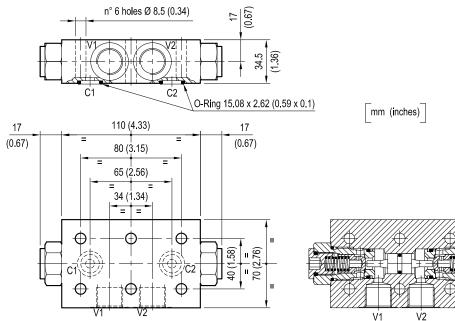
General

I		
Manifold material		Aluminium
	si), depending	enough for operating pressures g from the fatigue life expected in the ur Service Network.
Weight kg (lbs) 1.06 (2.34)		1.06 (2.34)
Fluid temperature range	°C (°F)	between -30 (-22) and +100 (212)

see data sheet RE 18350-50

Note: for applications outside these parameters, please consult us.

Dimensions



Ζ

Ordering code

			05.53.02		X	Y
Pilot opera	ated check, dual					
O-Ring or	n pilot piston	Pile	ot ratio			
= 00	No O-Ring	3.2	2:1			
= 10	With O-Ring	3.2	2:1			
= 25	With O-Ring	6 :	1			

Port sizes	V1 - V2	C1 - C2	
= 03	G 1/2	Ø 7 (0.28)	

Туре	Material number
055302000300000	R930002408
055302000301000	R930002409
055302100301000	R930002412
055302250301000	R930002416

		SPRINGS
		Cracking pressure bar (psi)
= 00	only for X=00	1 (15)
= 01	for X=00, X=10 and X=25	8 (116)

Туре	Material number	

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Subject to change.