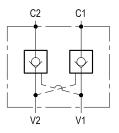


#### **RE 18307-19/04.10** 1/2 Replaces: RE 00171/02.07

# Pilot operated check, dual

### VSO-DE-FC2

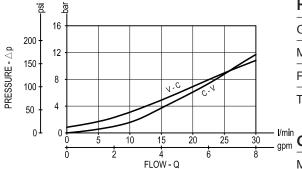


# Description

05.53.44 - X - Y - Z

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**

#### Hydraulic

Operating pressure	bar (psi)	up to 210 (3000)
Max. flow	l/min (gpm)	30 (8)
Pilot ratio		7:1

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

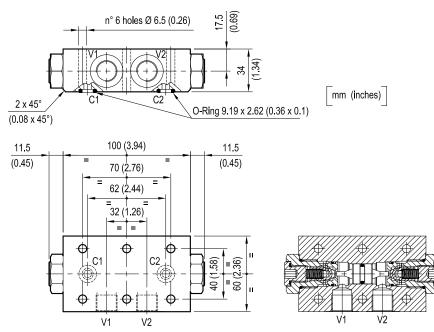
#### General

Manifold material	Aluminium	
Note: aluminium bodies are often strong e		
exceeding 210 bar (3000 psi), depending from the fatigue life expected in the specific application. If in doubt, consult our Service Network.		

Weight	kg (lbs)	0.9 (1.98)	
Fluid temperature range	°C (°F)	between -30 (-22) and +100 (212)	
Other technical data		see data sheet RE 18350-50	

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

#### Dimensions



## Ordering code

		05.53.4	4 X	Y	Z	
Pilot operated	d check, dual					
O-Ring on pi	lot piston					
=00 No	O-Ring					= 00
= 10 With O-Ring				= 01		
Port sizes	V1 - V2	C1 - C2				
= 02	G 3/8	Ø 6 (0.24)				

		SPRINGS
		Cracking pressure bar (psi)
= 00	only for X=00	1 (15)
= 01	for X=00 and X=10	4.5 (65)

Туре	Material number
055344000200000	R930002457
055344000201000	R930002459
055344100201000	R930002461

Туре	Material number

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Subject to change.