

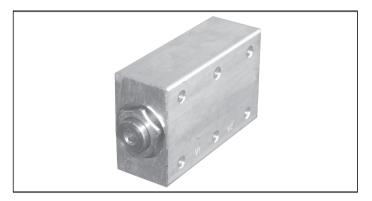
Pilot operated check, dual

RE 18307-20

Edition: 09.2019

Replaces: 03.2016

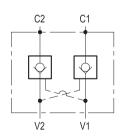
VSO-DE-FC2



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.

In case of valve application in redundancy systems it is especially recommended to use version with sealed pilot piston.



Technical data

05.53.02 - X - Y - Z

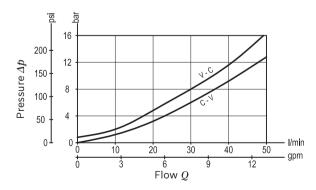
Operating pressure	up to 210 bar (3000 psi)
Max. flow	50 l/min. (13 gpm)
Weight	1.06 kg (2.3 lbs)
Manifold material	Aluminium

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.

Flange seal kit ¹⁾	E00000000000008 (R930004538)	
Fluid	Mineral oil (HL, HLP) according DIN 51524	
Fluid temperature range	-30 °C to 100 (-22 to 212 °F)	
Viscosity range	10 to 500 mm ² /s (cSt)	
Recommended degree of fluid contamination	Class 19/17/14 according to ISO 4406	
Other technical data	see data sheet 18350-50	
The version with O-Ring and heavier spring is generally recommended.		

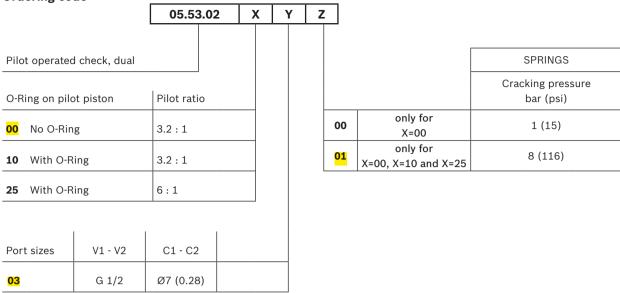
Note: for applications outside these parameters, please consult us.

Characteristic curve



¹⁾ Seal for 10 valves

Ordering code

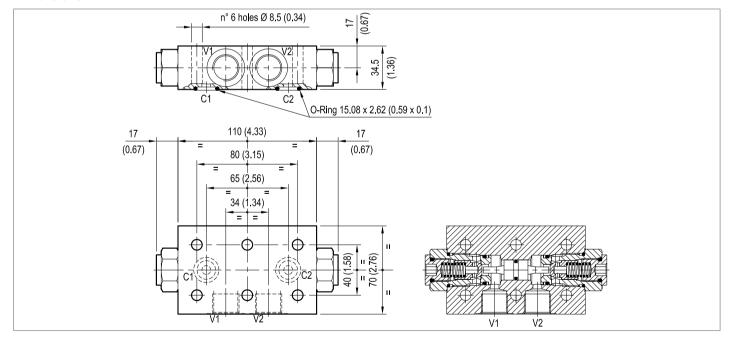


Preferred types

Туре	Material number
055302000300000	R930002408
055302000301000	R930002409

Туре	Material number
055302100301000	R930002412
055302250301000	R930002416

Dimensions



Bosch Rexroth Oil Control S.p.A.

Via Leonardo da Vinci 5 P.O. Box no. 5

41015 Nonantola – Modena, Italy

Tel. +39 059 887 611 Fax +39 059 547 848

compact-hydraulics-pib@boschrexroth.com www.boschrexroth.com/compacthydraulics

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