

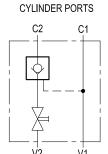
RE 18307-13/04.10

Replaces: RE 00171/02.07

Pilot operated check, single, manual shut-off

VSO-SE-DL-DX

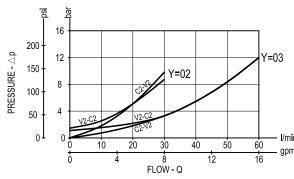
05.52.27 - X - Y - Z



Description

A tap, manually controlled by the operator, allows inlet flow from V2 to pass through the check valve to C2: as a result, the motion of the actuator (typically the extension and positioning of an outrigger) happens under the operator's direct sight. The valve is normally closed (checked) and virtually leak-free from C2 to V2 in order to prevent reverse motion. Flow outlet from C2 to V2 and reverse motion (i.e. outrigger retraction or lifting up) is possible with manual tap open and if sufficient pilot pressure is present at V1-C1 so that the pilot piston may push the poppet from its seat.

Performance



Technical data

Hydraulic

Operating pressure	bar (psi)	up to 210 (3000)
Max. flow		see performance graph

General

Manifold material	Aluminium

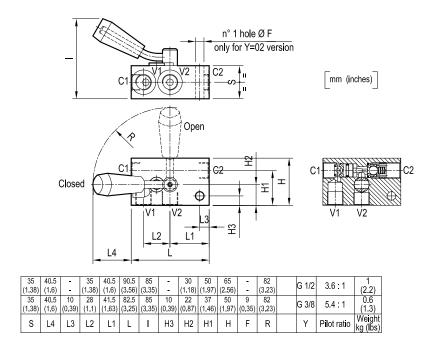
Note: aluminium bodies are often strong enough for operating pressures exceeding 210 bar (3000 psi), depending from the fatigue life expected in the specific application. If in doubt, consult our Service Network.

Weight		see "Dimensions"
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.

1/2

Dimensions



Z

Ordering code

Pilot operated check, single, manual shut-off

O-Ring on pilot piston

= 10 With O-Ring

		SPRINGS
		Cracking pressure bar (psi)
- 00	only for Y=02	1.6 (23)
= 00	only for Y=03	0.6 (9)

Port sizes	V1 - V2	C1 - C2	
= 02	G 3/8	G 3/8	
= 03	G 1/2	G 1/2	

Туре	Material number
05522710020000C	R930002345
05522710030000B	R930002349

Туре	Material number

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

motion-control-valves@oilcontrol.com www.boschrexroth.com © This document, as well as the data, specifications and other information set forth in it, are the exclusive property of Bosch Rexroth Oil Control S.p.a.. It may not be reproduced or given to third parties without its consent.

The data specified above only serve to describe the product. No statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgment and verification. It must be remembered that our products are subject to a natural process of wear and aging. Subject to change.