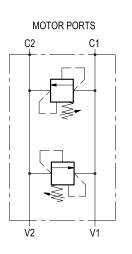


Dual cross over relief, direct acting, flangeable to motor



VSDI-30-FM



05.16.33 - X - Y - Z

Description

It relieves the inlet pressure from either one of the supply lines and it protects the motor from shocks or pressure surges induced by changes in direction or by sudden stops. The dual relief is of the cross over type, and exhausted oil is transferred to the other line (from V1 into V2 and vice-versa), without the necessity of a separate tank line: this feature also prevents cavitation when used in conjunction with closed centre directional valve.

Technical data

Hydraulic

Operating pressure	bar (psi)	up to 210 (3000)						
Max. flow	l/min (gpm)	30 (8)						
Flangeable on SAUER-DANFOSS orbital motors OMP-OMR series								
For relief cartridge details, see RE 18318-23 (VS-30 041118X99Z)								

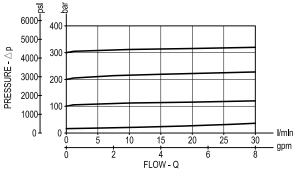
Each cartridge can be individually pressure set.

General

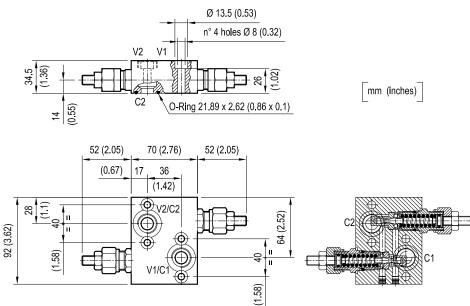
Manifold material	Aluminium								
Note: aluminium bodies are often strong enough for operating pressures exceeding 210 bar (3000 psi), depending from the fatigue life expected in the specific application. If in doubt, consult our Service Network.									
Weight kg		0.7 (1.54)							
Fluid temperature 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.

Performance



Dimensions



Ordering code

		05.16.3	33	Χ	Y	Z	:			
Dual cross ov flangeable to	1								SPRINGS	
Adjustments			П					Adj. pressure range bar (psi)	Pres. increase bar/turn (psi/turn)	Std. setting Q=5 (I/min.) bar (psi)
= 03 Leakproof hex. socket screw							= 20	50-210 (725-3000)	47 (682)	200 (2900)
Port sizes V1-V2 C1-C2					Tamper resistant cap code 11.04.23.003 R930000754					
= 03	G 1/2	Ø 13 (0.51))							

Туре	Material number	Туре	Material number
051633030320000	R930001388		

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 $\[mmc]$ 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.