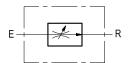


1/2

RE 18309-34/04.10 Replaces: RE 00171/02.07

Flow regulator, 2-way, pressure compensated

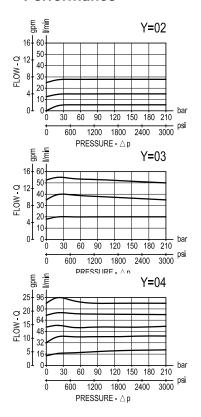
VRFC2-L OM.22.03.50 - Y



Description

A constant flow rate, regardless of system pressures, is established from E to R, while a minimum pressure differential of approximately 5 bar (70 psi) exists between the two ports. Output flow can be varied from zero (Closed) to the nominal maximum rating (Open). Reverse flow from R to E is limited by the selected opening of the lever controlled restrictor and is not pressure compensated.

Performance



Technical data

Hydraulic

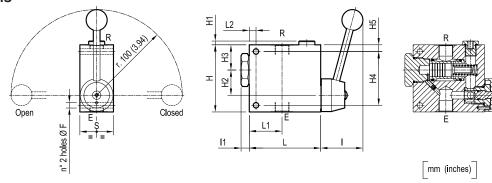
Operating pressure bar (ps		up to 210 (3000)					
Q = max inlet flow "E" port (see "Dimensions")							
Flow control range: from 15° to 165° of hand lever rotation							

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		between -30 (-22) and +100 (212)					
Other technical data		see data sheet RE 18350-50					

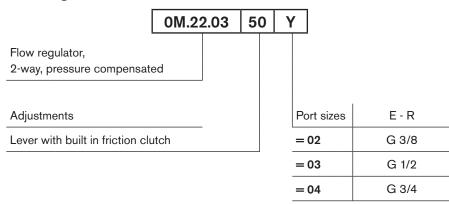
Note: for applications outside these parameters, please consult us.

Dimensions



	50	10 (0.39)	44 (1.73)	100 (3.94)	10 (0,39)	50 (1.97)	8 (0,32)	82 (3.23)	35 (1.38)	40 (1.58)	4.5	100	8.5 (0.34)	90 I/min 24 gpm	G 3/4	1.75 (3.86)
ľ	40	8	39	85	10	50	8	64	30	30	4.5	80	6.5	55 I/min	G 1/2	0.97
1		(0.32)	(1.54)	1 /	1 /		(0.32)				, ,	, ,	(0.26)		0 1/2	(2.14)
	40 (1.58)	(0.32)	39 (1.54)	85 (3.35)	10 (0.39)	50 (1.97)	(0.32)	64 (2.52)	30 (1.18)	30 (1.18)	4.5 (0.18)	80 (3.15)	6.5 (0.26)	30 I/min 8 gpm	G 3/8	0.97 (2.14)
	S	L2	L1	L	1	1	H5	H4	Н3	H2	H1	Н	F	Q	Υ	Weight kg (lbs)

Ordering code



Туре	Material number	Туре	Material number
0M2203500200000	R930004174		
0M2203500300000	R930004175		
0M2203500400000	R930004176		

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.