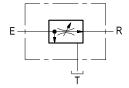


RE 18309-39/04.10 Replaces: RE 00171/02.07

1/2

Flow regulator, 3-way, pressure compensated

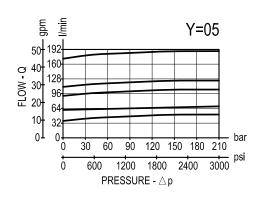
VRFC3 0M.32.03 - X - 05



Description

A constant flow rate, regardless of system pressures, is established from E to R, while a minimum pressure differential of appr. 5 bar (70 psi) exists between the two ports. Input flow supplied to E in excess of the regulated output at R is by-passed to T. Output flow can be varied from closed to the nominal maximum rating for the valve. Reverse flow from R to E is limited by the selected opening of the restrictor and is not pressure compensated. Flow from T to E or from T to R is not possible. Increasing or decreasing inlet flow may cause slight increase or decrease of Regulated flow.

Performance



Technical data

Hydraulic

Operating pressure	bar (psi)	up to 210 (3000)		
QE = max inlet flow "E" port 280 l/min (74 gpm)				
QR = max regulated flow "R" port 190 l/min (50 gpm)				
Flow range adjustment : 0 - 3 turns				

General

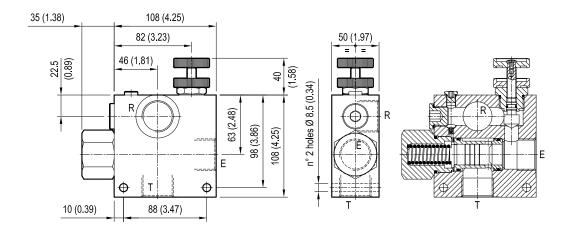
Manifold material

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 (lbs)	1.95 (4.3)	
Fluid temperature range	°C (°F)	between -30 (-22) and +100 (212)	
Other technical data		see data sheet RE 18350-50	

Aluminium

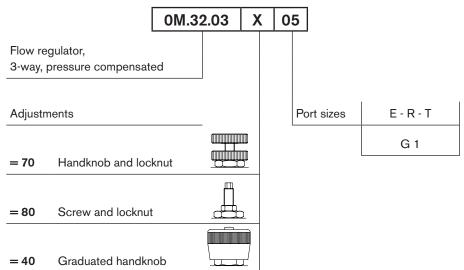
Note: for applications outside these parameters, please consult us.

Dimensions



mm (inches)

Ordering code



Туре	Material number
0M3203700500000	R930004235
0M3203800500000	R930004245
0M3203400500000	R930004225

Туре	Material number

Bosch Rexroth Oil Control S.p.A. Via Leonardo da Vinci 5 P.O. Box no. 5

41015 Nonantola - Modena, Italy

+39 059 887 611 Fax +39 059 547 848

motion-control-valves@oilcontrol.com www.boschrexroth.com

 $\ensuremath{\mathbb{C}}$ 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.