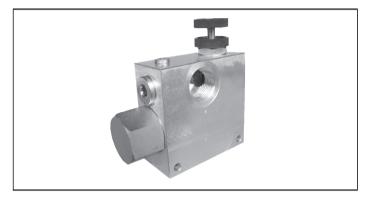


Flow regulator 3 way, pressure compensated

RE 18309-39

Edition: 03.2016 Replaces: 04.2010

OM.32.03 - X - 05



Description

VRFC3

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.

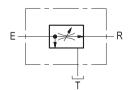
Technical data

Operating pressure	up to 210 bar (3000 psi)
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
Weight	1.95 kg (4.3 lbs)
Manifold material	Aluminium

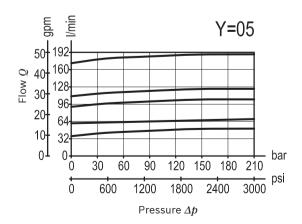
Note: aluminium bodies are often strong enough for operating pressures exceeding 210 bar (3000 psi), depending from the fatigue life expected in the specific application. If in doubt, consult our Service Network.

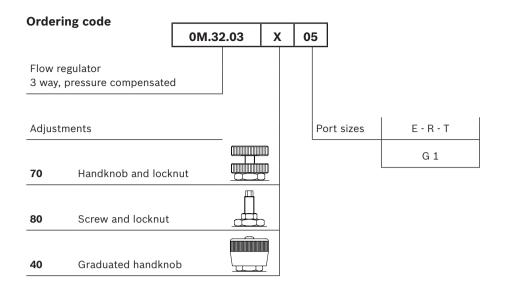
Fluid	Mineral oil (HL, HLP) according DIN 51524
Fluid temperature range	-30 °C to 100 (-22 to 212 °F)
Viscosity range	5 to 800 mm ² /s (cSt)
Recommended degree of fluid contamination	Class 19/17/14 according to ISO 4406
Other technical data	see data sheet 18350-50

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



Characteristic curve





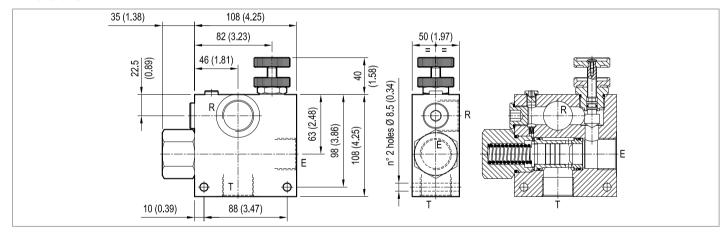
Preferred types

2

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

Туре	Material number

Dimensions



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