

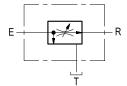
RE 18309-37/04.10

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Replaces: RE 00171/02.07

# Flow regulator, 3-way, pressure compensated

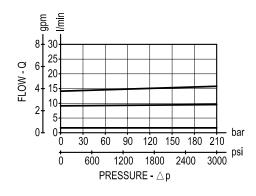
VRFC3 0M.32.03 - X - 97



# **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 40 l/min (11 gpm)						
QR = max regulated flow "R" port 25 l/min (7 gpm)						
Flow range adjustment : 0 - 3 turns						

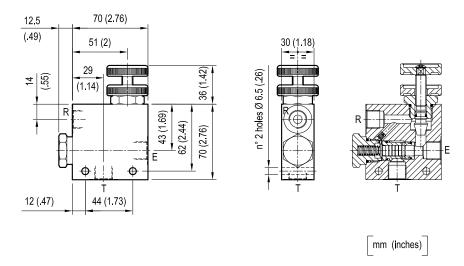
#### General

	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 of	ir Service Network			

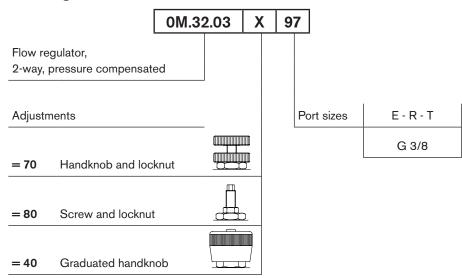
Weight kg (lbs)		0.55 (1.21)	
Fluid temperature range	°C (°F)	between -30 (-22) and +100 (212)	
Other technical data		see data sheet RE 18350-50	

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

#### **Dimensions**



# Ordering code



Туре	Material number	Туре	Material number
0M3203709700000	R930004239		
0M3203809700000	R930004246		
0M3203409700000	R930004226		

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