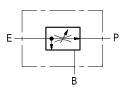


RE 18309-51/04.10 1/2 Replaces: RE 00171/02.07

Flow regulator, 3-way, combination type, pressure compensated

A-VRFC3C



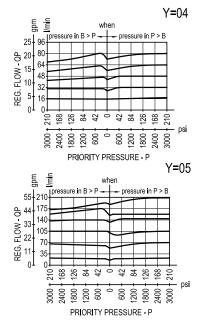
0M.D2.03 - X - Y



Description

A constant priority flow, regardless of system pressures, is established from E to P, while a minimum pressure differential of appr. 5 bar (70 psi) exists between the two ports. While the regulated priority flow from P is used in the priority circuit, the flow supplied to E in excess of priority is by-passed to B port and can be sent to power other actuators. Priority flow can be varied from closed to the nominal maximum rating of the valve. Reverse flow from P to E is limited by the selected opening of the restrictor and is not pressure compensated. Reverse flow from B is not permitted.

Performance



Technical data ...

Hydraulic							
Max. operating pressure	bar (psi)	350 (5000)					
QE = max inlet flow "E" port (see "Dimensions")							
QP = max priority flow "P" port (see "Dimensions")							
Flow range adjustment : 0 - 3 turns							

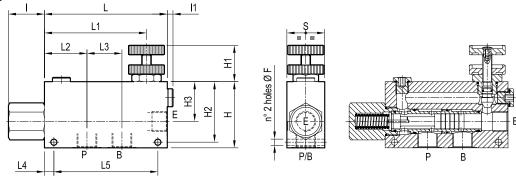
General

. . .

Manifold material		Steel
Weight		see "Dimensions"
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



mm (inches)

70 (2.76)	130 (5.12)	10 (0.39)	56.5 (2.22)	48 (1.89)	122.5 (4.82)		6 (0.24)	38 (1.5)	65 (2.56)	120 (4.72)	40 (1.58)		(0.34)	50 gpm	380 I /min 100 gpm	G1	9.9 (21.8)
50 (1.97)	135 (5.32)	10 (0.39)	44 (1.73)	54 (2.13)	130 (5.12)	155 (6.1)	6 (0.24)	38 (1.5)	55 (2.17)	83 (3.27)	40 (1.58)	90 (3.54)	8.5 (0.34)	90 l/min 24 gpm	150 I/min 40 gpm	G 3/4	5.4 (11.9)
S	L5	L4	L3	L2	L1	L	1	I	H3	H2	H1	н	F	QP	QE	Y	Weight kg (Ibs)

Ordering code

	OM.D	2.03	Х	1	/	
Flow regulator,						
3-way, combination type, pressure compensated						
Adjustments					Port sizes	E - B - P
					= 04	G 3/4
= 70 Handknob and loo	cknut		<u> </u>		= 05	G 1

Туре	Material number	Туре	Material number
0MD203700400000	R930004488		
0MD203700500000	R930004490		

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Subject to change.