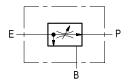
RE 18309-52/04.10 Replaces: RE 00171/02.07

1/2

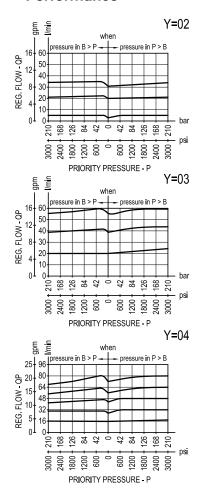
Flow regulator, 3-way, combination type pressure compensated

VRFC3C 0M.42.03.50 - Y





Performance



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 port B and can be sent to power other actuators. Priority flow can be varied from zero (Closed) to the nominal maximum rating for the valve (Open). 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.

Technical data

Hydraulic

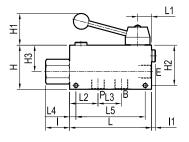
Operating pressure	bar (psi)	up to 210 (3000)					
QE = max inlet flow "E" port (see "Dimensions")							
QP = max priority flow "P" port (see "Dimensions")							

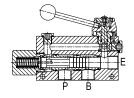
General

Manifold material		Aluminium				
	si), dependin	enough for operating pressures ig from the fatigue life expected in the our Service Network.				
Weight		see "Dimensions"				
Fluid temperature range	°C (°F)	between -30 (-22) and +100 (212)				
Other technical data		see data sheet RE 18350-50				

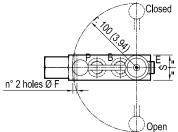
Note: for applications outside these parameters, please consult us.

Dimensions



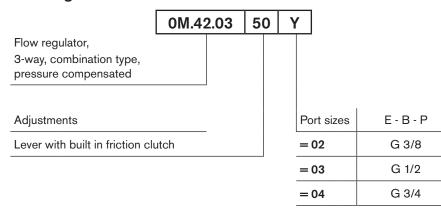


mm (inches)



50	135	10	44	54	25	155	6	38	55	83	50	90	8.5	90 l/min	150 I/min	C 2/4	2.6
(1.97)	(5.32)	(0.39)	(1.73)	(2.13)	(0.98)	(6.1)	(0.24)	(1.5)	(2.17)	(3.27)	(1.97)	(3.54)	(0.34)	24 gpm	40 gpm	G 3/4	(5.7)
40	110	10	37	45	22	130	6	38	42	64	50	70	6.5	55 I/min	90 I/min	G 1/2	1.4
(1.58)	(4.33)	(0.39)	(1.46)	(1.77)	(0.87)	(5.12)	(0.24)	(1.5)	(1.65)	(2.52)	(1.97)	(2.76)	(0.26)	15 gpm	24 gpm	G 1/2	(3.1)
40	110	10	37	45	22	130	6	38	42	64	50	70	6.5	30 I/min	55 I/min	G 3/8	1.4
(1.58)	(4.33)	(0.39)	(1.46)	(1.77)	(0.87)	(5.12)	(0.24)	(1.5)	(1.65)	(2.52)	(1.97)	(2.76)	(0.26)	8 gpm	15 gpm	G 3/6	(3.1)
	1.5	1.4	10	10	1.4	,	14		112	110	Н1			OD	05	V	Weight
S	L5	L4	L3	L2	"	-	11		H3	H2	ПП	п	「	QP	QE	1	kg (lbs)

Ordering code



Туре	Material number
0M420350020000A	R930000033
0M4203500300000	R930004322
0M4203500400000	R930004323

Туре	Material number
-	

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