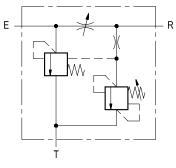


RE 18309-46/04.10 1/2 Replaces: RE 00171/02.07

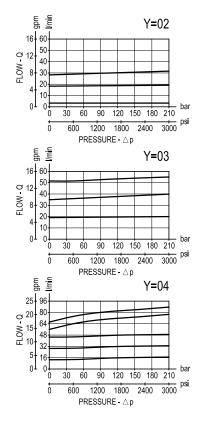
Flow regulator, 3-way, pressure compensated, with relief



VRFC3-VS



Performance



Description

0M.33.03.50 - Y

A constant pressure compensated flow rate 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 zero (Closed) to the nominal maximum rating for the valve (Open). The valve module includes a small pilot relief cartridge which senses the pressure of the Regulated flow and diverts it to tank if the maximum allowed pressure is reached. Reverse flow from R to E is limited by the selected opening of the lever controlled restrictor and is not pressure compensated. Flow from T to E or from T to R is not permitted.

Technical data

Hydraulic

Operating pressure	bar (psi)	210 (3000)				
Adj. relief valve: range 35-210 bar (500-3000 psi). Standard setting: 210 bar (3000 psi)						
QE = max inlet flow "E" port (see "Dimensions")						
QR = max regulated flow "R" port (see "Dimensions")						

General

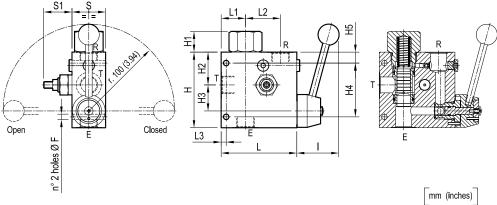
Manifold material	Aluminium				
Notes chuminium hadiaa aya aftan atyang anayyih fay anayying yuqaayyaa					

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		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



34 (1.34)	50	7	50	35	108	50 (1.97)	10 (0.39)	88	35	44 (1.73)	25	108	8.5	90 I/min	150 I /min 40 anm	G 3/4	2.2 (4.9)
34	(1.97) 40	6	(1.97) 42.5	(1.38) 30	90	50	(0.39)	(3.47) 64	(1.38) 31	39	25	90	6.5	24 gpin	40 gpm 90 l/min		(4.9)
(1.34)	(1.58)	(0.24)	<u>, ,</u>	1 /	<u>`</u>	· ·	(0.51)	· /	1 1	. ,				15 gpm	24 gpm	G 1/2	(2.58)
34 (1.34)	40	6 (0.24)	42.5	30 (1.18)	90 (3.54)	50 (1.97)	13 (0.51)	64 (2.52)	31 (1.22)	39 (1.54)	25 (0.98)	90 (3.54)	6.5 (0.26)		55 l/min 15 gpm	G 3/8	1.17 (2.58)
S1	S	L3	L2	L1	L	1	H5	H4	H3	H2	H1	H	F	QR	QE		Weight kg (lbs)

Ordering code

	0M.33.03	50	Y]	
Flow regulator,			·	-	
3-way, pressure compensat with relief	ed				
Adjustments			P	ort sizes	E - R - T
Lever with built in friction clu	utch		=	02	G 3/8
			=	03	G 1/2
			=	04	G 3/4

Туре	Material number	Туре	Material number
0M330350020000A	R930004256		
0M330350030000A	R930004257		
0M330350040000A	R930004258		

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Subject to change.