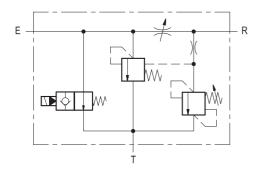
RE 18309-48/04.10 Replaces: RE 00171/02.07

Flow regulator, 3-way, pressure compensated, with relief and solenoid by-pass

VRFC3-VS-BPE

0M.38.03 - X - Y



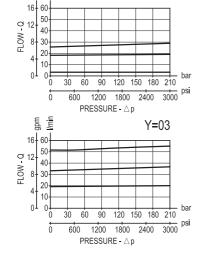


Y=02

Description

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. Regulated flow can be varied from closed to the nominal maximum rating of the valve and its pressure is controlled by a relief cartridge which will dump to Tank the output flow if the maximum pressure is reached. A normally open solenoid cartridge by-passes all Inlet flow to tank when de-energized. Reverse flow from R to E is limited by the selected opening of the restrictor and is not pressure compensated. Flow from T to R is not permitted.

Performance



Technical data

Hydraulic

rryaraano					
Operating pressure	bar (psi)	up to 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")					
Flow range adjustment : 0 - 3 turns					
The coil must be ordered separately					

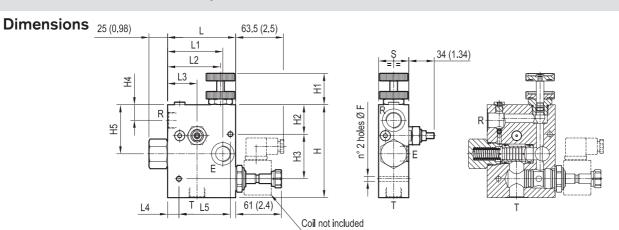
General

	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 our Service Network.				

Weight		see "Dimensions"
Viscosity		20 to 380 mm ² /s (cSt)
Fluid temperature range	°C (°F)	between -20 (-4) and +80 (176)
Other technical data		see data sheet RE 18350-50

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

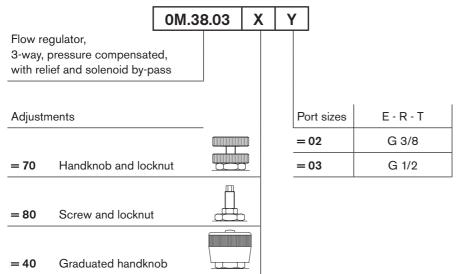
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40	68	15	39	70	73	90	65	20.5	59	39	40	123	6.5	55 I/min	90 I/min	0.4/0	1.55
(1.58)	(2.68)	(0.59)	(1.54)	(2.76)	(2.87)	(3.54)			(2.32)				(0.26)	15 gpm	24 gpm	G 1/2	(3.42)
40	68	15	39	70	73	90	65	19.5	59	39	40	123	6.5	30 I/min	55 I/min	G 3/8	1.55
(1.58)	(2.68)	(0.59)	(1.54)	(2.76)	(2.87)	(3.54)	(2.56)	(0.77)	(2.32)	(1.54)	(1.58)	(4.84)	(0.26)	8 gpm	15 gpm	G 3/0	(3.42)
S	L5	L4	L3	L2	L1	L	H5	H4	Н3	H2	H1	Н	F	QR	QE	Υ	Weight kg (lbs)

mm (inches)

Ordering code



Туре	Material number
0M380370020000B	R930004286
0M380370030000C	R930004287
0M3803800200000	R930000466
0M380380030000B	R930004290
0M3803400200000	R930000465
0M380340030000B	R930004284

Туре	Material number

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