

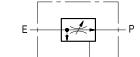
RE 18309-50/04.10 1/2 Replaces: RE 00171/02.07

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

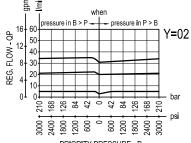
0M.42.03 - X - Y

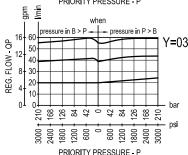


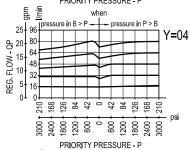
VRFC3C

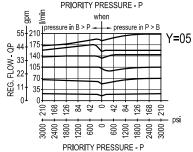


Performance









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 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.

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")						
Flow range adjustment : 0 - 3 turns						

General

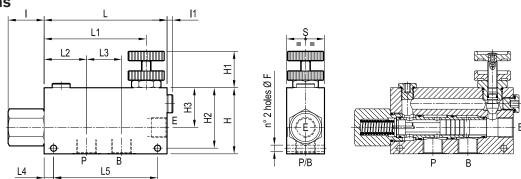
Other technical data

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"					
Fluid temperature range	°C (°F)	between -30 (-22) and +100 (212)					

see data sheet RE 18350-50

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

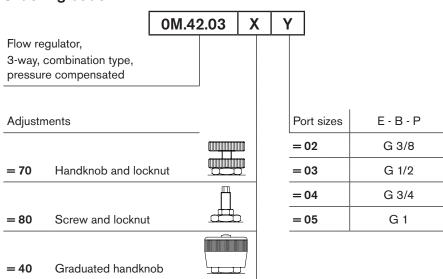
Dimensions



70	130	10	56.5	48	122.5	150	6	54	65	120	40	130	8.5	190 l/min	380 I/min	G 1	4.4
(2.76)	(5.12)	(0.39)	(2.22)	(1.89)	(4.82)	(5.91)	(0.24)	(2.13)	(2.56)	(4.72)	(1.58)	(5.12)	(0.34)	50 gpm	100 gpm		(9.7)
50	135	10	44	54	130	155	6	35	55	83	40	90	8.5	90 I/min 24 gpm	150 I/min	G 3/4	2.5
(1.97)	(5.32)	(0.39)	(1.73)	(2.13)	(5.12)	(6.1)	(0.24)	(1.38)	(2.17)	(3.27)	(1.58)	(3.54)	(0.34)				
40	110	10	37	45	108	130	6	38	42	64	40	70	6.5	55 I/min	90 I/min 24 gpm	G 1/2	1.3
(1.58)	(4.33)	(0.39)	(1.46)	(1.77)	(4.25)	(5.12)	(0.24)	(1.5)	(1.65)	(2.52)	(1.58)	(2.76)	(0.26)				
40	110	10	37	45	108	130	6	38	42	64	40	70	6.5	30 l/min	55 I/min 15 gpm	G 3/8	1.3
(1.58)	(4.33)	(0.39)	(1.46)	(1.77)	(4.25)	(5.12)	(0.24)	(1.5)	(1.65)	(2.52)	(1.58)	(2.76)	(0.26)	8 gpm	15 gpm	0 3/0	\=10./
s	L5	14	L3	12	11	l ,	11	₁	НЗ	H2	H1	н	F	QΡ	QE	v	Weight
3	-3		-3		-'	-	''	'	113	112	111	''	'	العا	WL.	'	kg (lbs)

mm (inches)

Ordering code



Туре	Material number
0M4203700200000	R930004324
0M4203700300000	R930004325
0M4203700400000	R930004328
0M4203700500000	R930004329
0M4203800200000	R930004332
0M4203800300000	R930004333
0M4203800400000	R930004334
0M4203800500000	R930004336

Туре	Material number
0M4203400200000	R930004317
0M4203400300000	R930004318
0M4203400400000	R930004319
0M4203400500000	R930004320

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The data specified above only serve to describe the product. No statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgment and verification. It must be remembered that our products are subject to a natural process of wear and aging.

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Subject to change.