

Part number:

HYDROMA

HYDRAULICKÉ SYSTÉMY

HIDROMA
SYSTEMS

UKŁADY HYDRAULICZNE

HYDROMA

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

RE 18309-41/04.10

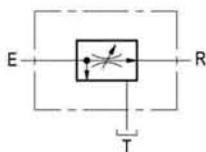
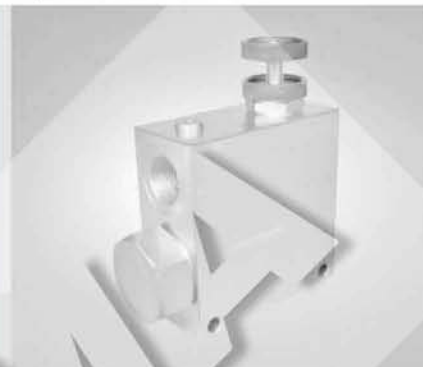
1/2

Replaces: RE 00171/02.07

Flow regulator, 3-way, pressure compensated

A-VRFC3

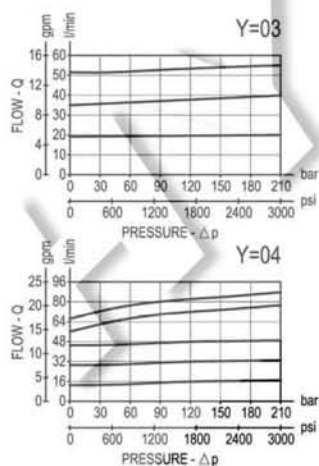
0M.C2.03 - X - Y



Description

A constant flow rate, regardless of system pressures, 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 closed to the nominal maximum rating for the valve. Reverse flow from R to E is limited by the selected opening of the restrictor and is not pressure compensated. Flow from T to E or from T to R is not possible. Increasing or decreasing inlet flow may cause slight increase or decrease of Regulated flow.

Performance



Technical data

Hydraulic

Max. operating pressure bar (psi) 350 (5000)

QE = max inlet flow "E" port (see "Dimensions")

QR = max regulated flow "R" port (see "Dimensions")

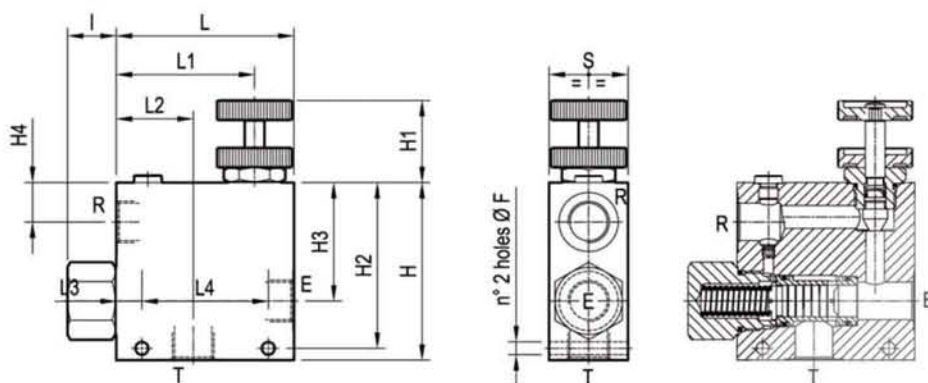
Flow range adjustment : 0 - 3 turns

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



50 (1.97)	88 (3.47)	10 (0.39)	44 (1.73)	79 (3.11)	108 (4.25)	21 (0.83)	23 (0.91)	73 (2.87)	101 (3.98)	40 (1.58)	108 (4.25)	8.5 (0.34)	90 l/min 24 gpm	150 l/min 40 gpm	G 3/4	4.3 (9.5)
40 (1.58)	64 (2.52)	13 (0.51)	33 (1.54)	70 (2.76)	90 (3.54)	21 (0.83)	17.5 (0.69)	60 (2.36)	84 (3.31)	40 (1.58)	90 (3.54)	6.5 (0.26)	55 l/min 15 gpm	90 l/min 24 gpm	G 1/2	2.1 (4.6)
S	L4	L3	L2	L1	L	I	H4	H3	H2	H1	H	F	QR	QE	Y	Weight kg (lbs)

Ordering code

0M.C2.03	X	Y
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Flow regulator,
3-way, pressure compensated

Adjustments

= 70 Handknob and locknut

= 80 Screw and locknut

= 40 Graduated handknob

Port sizes	E - R - T
= 03	G 1/2
= 04	G 3/4

Type	Material number
0MC20370030000A	R930004477
0MC203700400000	R930004478
0MC20380030000A	R930004480
0MC203800400000	R930006088
0MC20340030000A	R930004474
0MC203400400000	R930004475

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