

Flow control, 2-way pressure compensated, fixed setting Common cavity, Size 08

VRFA-08A

04.02.01.00.56 - Z

RE 18321-12

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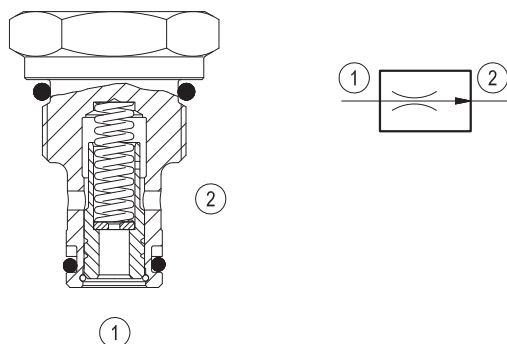
Description

A constant flow rate, regardless of system pressures, is established from 1 to 2 while a minimum pressure differential of 10 bar (145 psi) exists between the two ports. The valve cannot be adjusted for variable flow output. Flow from 2 to 1 is limited by the diameter of the selected control orifice and is not pressure compensated.

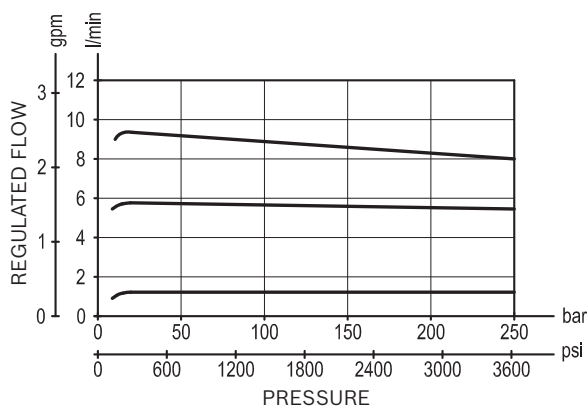
Technical data

Pressure min. - max.	10 - 210 bar (145 - 3000 psi)
Flow range	see "Regulated flow range" table
Fluid temperature range	-30 to 100 °C (-22 to 212 °F)
Installation torque	34 - 41 Nm (25 - 30 ft-lbs)
Weight	0.12 kg (0.27 lbs)
Cavity	CA-08A-2N (see data sheet 18325-70)
Lines bodies and standard assemblies	Please refer to section "Hydraulic integrated circuit" or consult factory
Seal kit ¹⁾	Code: RG08A2010520100 material no: R901101437
Fluids	Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 mm ² /s (cSt)
Recommended degree of fluid contamination	Nominal value max. 10µm (NAS 8) / ISO 4406 19/17/14
Installation	No restrictions
Other Technical Data	See data sheet 18350-50

1) Only external seals for 10 valves



Characteristic curve



Ordering code

Flow control, 2-way pressure compensated fixed setting	56 Common cavity, Size 08				Series 0/A to L unchanged performances and dimensions
					Version and options standard
					Regulated flow range l/min. (gpm) ± 10%
					09 0.9 (0.24)
					13 1.3 (0.34)
					15 1.5 (0.4)
					20 2 (0.53)
					30 3 (0.79)
					40 4 (1.06)
53 5.3 (1.4)					
65 6.5 (1.72)					
80 8 (2.11)					
90 9 (2.38)					

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Preferred types

Type	Material number	Type	Material number
040201005609000	R901109350	04020100564000A	R901109357
04020100561300A	R901109351	040201005653000	R901109360
040201005615000	R901184436	04020100566500A	R901109361
04020100562000A	R901109352	04020100568000A	R901109362
040201005630000	R901109355	040201005690000	R930007463

Dimensions

