

# Flow control, 2-way pressure compensated, fully adjustable, free reverse flow Common cavity, Size 12

VRFE-12A

04.07.01 - X - 57 - Z

**RE 18321-30**

Edition: 03.2016

Replaces: 01.2010



## Description

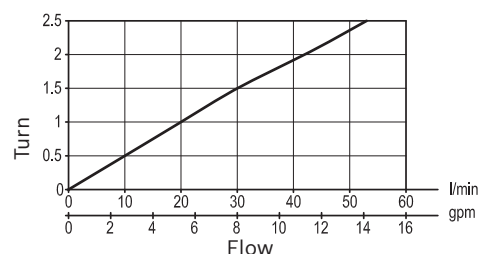
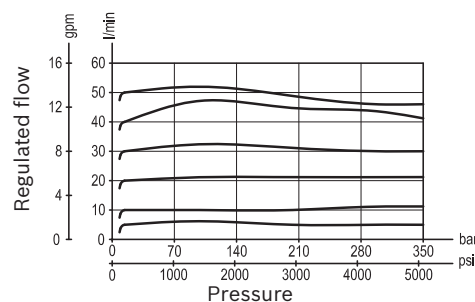
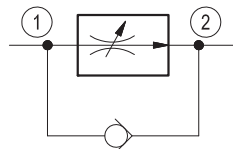
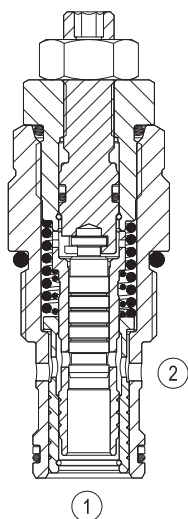
A constant flow rate, regardless of system pressures, is established from 1 to 2 while a minimum pressure differential of 14 bar (200 psi) exists between the two ports. Output flow can be varied from closed to the nominal maximum rating for the valve. Free flow is permitted from 2 to 1, regardless of valve adjustment, by when pressure overcomes the spring bias of the valve check function.

## Technical data

Pressure min. - max.	14 - 350 bar (200 - 5000 psi)
Flow range	see "Regulated flow range" table
Fluid temperature range	-30 to 100 °C (-22 to 212 °F)
Installation torque	81 - 95 Nm (60 - 70 ft-lbs)
Weight	0.3 kg (0.66 lbs)
Cavity	CA-12A-2N (see data sheet 18325-70)
Lines bodies and standard assemblies	Please refer to section "Hydraulic integrated circuit" or consult factory
Seal kit <sup>1)</sup>	Code: RG12A2010520100 material no: R901111377
Fluids	Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 mm <sup>2</sup> /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



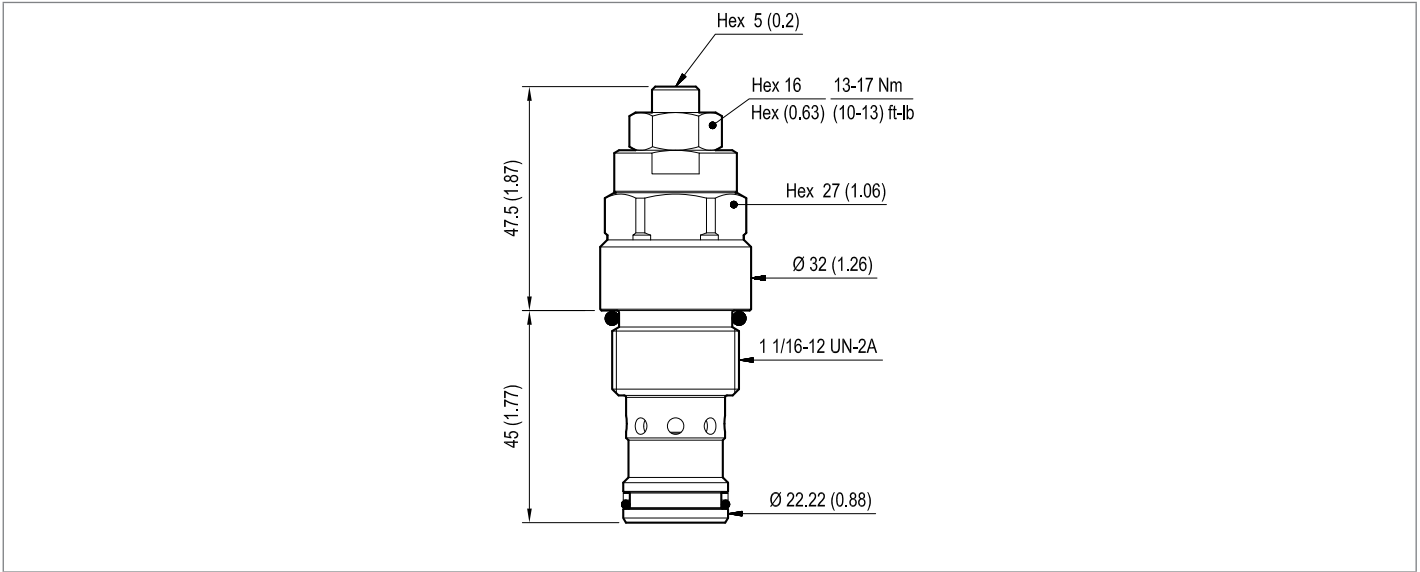
Ordering code

Ordering code		04.07.01	X	57	Z	00	*
Flow control, 2-way pressure compensated fully adjustable, free reverse flow						Series 0/A to L unchanged performances and dimensions	
						Version and options standard	
Adjustments						Regulated flow range l/min. (gpm)	
03 Leakproof hex. socket screw						50	1-50 (0.26-13.2)
57 Common cavity, Size 12							

Preferred types

Type	Material number	Type	Material number
040701035750000	R930000009		

Dimensions



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