Rexroth Bosch Group

1/2

RE 18321-30/01.10

Replaces: RE 00162-02/01.06

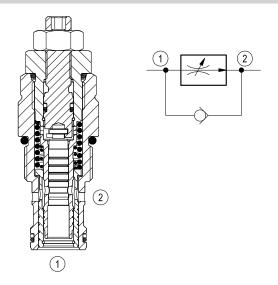
Flow control valve, 2-way pressure compensated fully adjustable, free reverse flow

Common cavity, Size 12

VRFE-12A

04.07.01 - X - 57 - Z



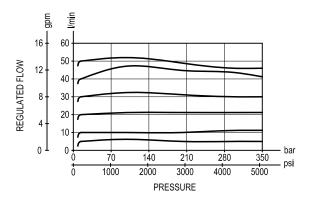


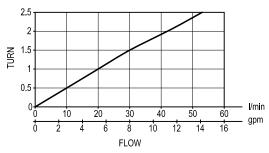
Description

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.

Performance



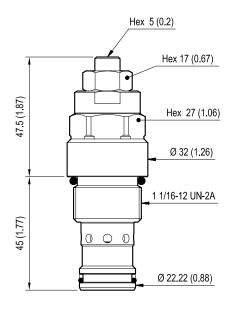


Technical data

Pressure min-max	bar (psi)	14-350 (200-5000)	
Flow range	l/min. (gpm)	See "Regulated flow range" table	
Fluid temperature range °C (°F)		-30 to 100 (-22 to 212)	
Installation torque	Nm (ft-lbs)	81-95 (60-70)	
Weight kg (lbs)		0.30 (0.66)	
Cavity		CA-12A-2N	
Cavity		see data sheet RE 18325-70	
Seal kit (*)	code	RG12A2010520100	
	material no.	R901111377	
Fluids		Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 mm ² /s (cSt)	
Filtration		Nominal value max. 10µm (NAS 8) ISO 4406 19/17/14	
Installation		No restrictions	
Other Technical Dat	ta	See data sheet RE 18350-50	
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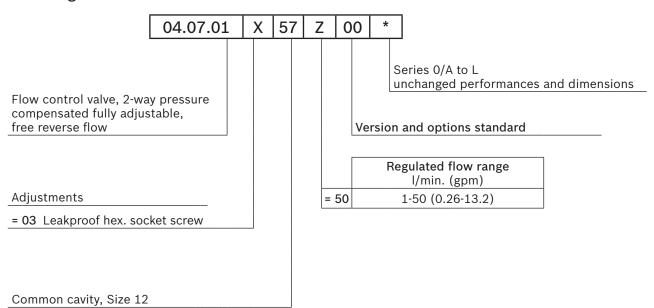
(*) Only external seals for 10 valves

Dimensions



mm (Inches)

Ordering code



Туре	Material number	Туре	Material number
040701035750000	R930000009		

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Subject to change.