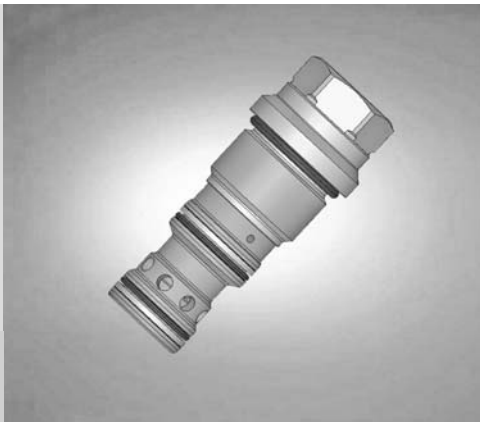
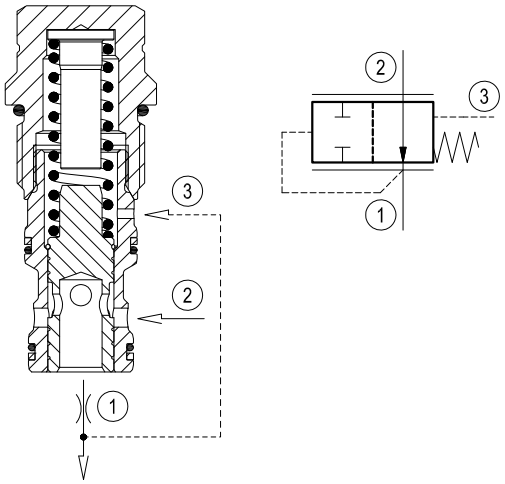
Logic element, flow control with external pilot

Common cavity, Size 12



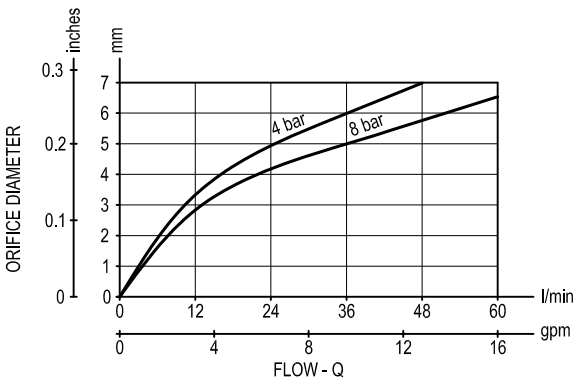
VLSC-12A 04.84.02 - X - 57 - Z



Description

When pressure at 1 rises above the selected spring bias pressure against the spool, the valve shifts to block flow from 2 to 1. Pilot pressure at 3 is additive to the spring bias pressure. The valve may be used in switching or compensation type applications, and will maintain a constant pressure drop across a fixed (or variable) orifice downstream of 1 when installed and piloted per the diagram above.

Performance



Technical data

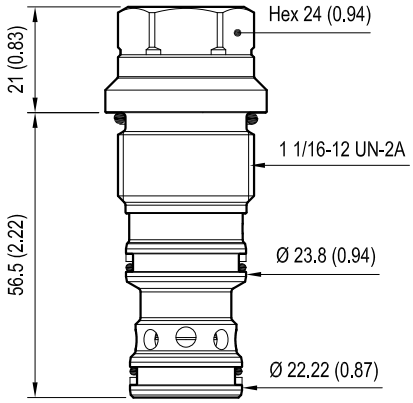
Max. operating pressure	bar (psi)	350 (5000)
Max. flow	l/min. (gpm)	60 (16)
Max. internal leakage (*)	cm^3/min. (cu.in./min.)	100 (6)
Fluid temperature range	°C (°F)	-30 to 100 (-22 to 212)
Installation torque	Nm (ft-lbs)	81-95 (60-70)
Weight	kg (lbs)	0.23 (0.51)
Cavity		CA-12A-3C see data sheet RE 18325-70
Seal kit (**)	code material no.	RG12A9010520100 R901111379
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 Data		See data sheet RE 18350-50

(*) Measured at 200 bar (2900 psi)

(**) Only external seals for 10 valves

Dimensions

Fixed setting



mm (Inches)

Ordering code

04.84.02	X	57	Z	00	*

Series 0/A to L
unchanged performances and dimensions

Logic element, flow control with external pilot

Version and options standard

Pilot ratio

= 00 Fixed setting

Common cavity, Size 12

	SPRINGS		
	Adj. press. range bar (psi)	Pressure increase bar/turn (psi/turn)	Bias spring bar (psi)
= 04	-	-	4 (60) ±20%
= 08	-	-	8 (115) ±15%

Note: Special settings available. Contact factory authorized representative for ordering code

Type	Material number
048402005704000	R930005759
048402005708000	R930005760

Type	Material number

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