# Rexroth **Bosch Group**

1/2

RE 18321-68/09.09

Replaces: RE 00162-02/01.06

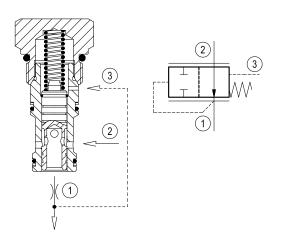
# Logic element, flow control with external pilot

Common cavity, Size 10

VLSC-10A

04.84.02 - X - 85 - Z

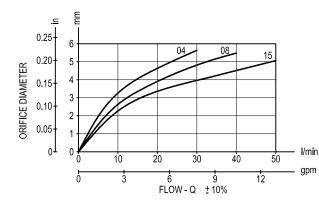




### Description

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

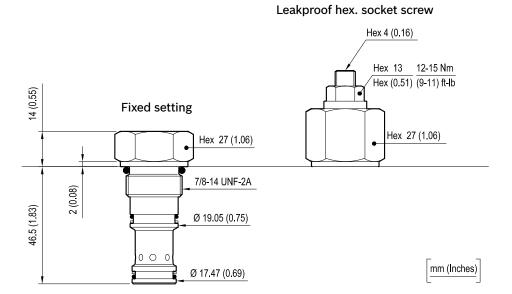


#### Technical data

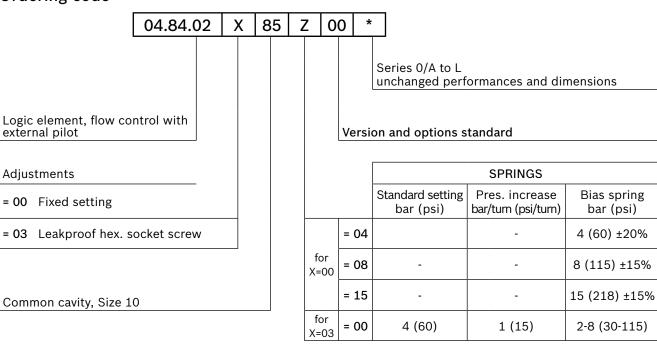
Max. operating pressure bar (psi)			350 (5000)
Max. flow	l/min. (gpm)		30 (8)
Max. internal leakage (*) cm³/min. (cu.in./min.)			50 (3)
Fluid temperature range °C (°F)			-30 to 100 (-22 to 212)
Installation torque Nm (ft-lbs)			41-47 (30-35)
Weight (**)		kg (lbs)	0.12 (0.27)
Cavity			CA-10A-3C see data sheet RE 18325-70
Seal kit (***)	ma	code terial no.	RG10A9010520100 R901111367
Fluids			Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 mm²/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
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- (\*) Measured at 200 bar (2900 psi)
- (\*\*) Standard version X=00 type
- (\*\*\*) Only external seals for 10 valves

#### **Dimensions**



## Ordering code



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

Туре	Material number
04840200850400A	R901109874
04840200850800A	R901109875
048402008515000	R930001018
04840203850000A	R901109876

Туре	Material number

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Subject to change.