# Rexroth **Bosch Group**

1/2

RE 18321-66/09.09 Replaces: RE 00162-02/01.06

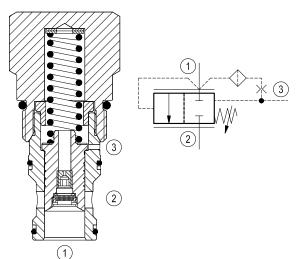
# Logic element, flow and pressure control with internal pilot

Common cavity, Size 16

VLSP-16A

04.84.03 - X - 27 - Z

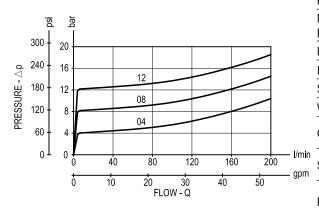




## Description

When pressure at 1 rises above the selected spring bias pressure against the spool, the valve shifts to allow flow from 1 to 2. The differential pressure between 1 and 3, across an internal orifice, is additive to the spring bias pressure. Note that flow, restricted by the internal orifice, can be transmitted from 3 to 1. The valve may be used in switching or compensation type applications.

#### Performance



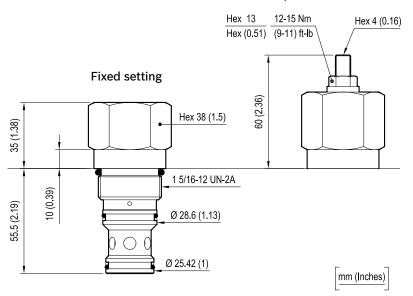
# Technical data

Max. operating	pressure	bar (psi)	350 (5000)
Flow range	l/mi	n. (gpm)	8-200 (2-53)
Max. internal leakage (*) cm³/min. (cu.in./min.)			200 (12)
Fluid temperati	ure range	°C (°F)	-30 to 100 (-22 to 212)
Installation to	que Nn	n (ft-lbs)	108-122 (80-90)
Standard inter	nal orifice	mm	0.6
Weight (**)		kg (lbs)	0.35 (0.77)
Cavity			CA-16A-3C see data sheet RE 18325-70
Seal kit (***)	mat	code erial no.	
Fluids			Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 mm <sup>2</sup> /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

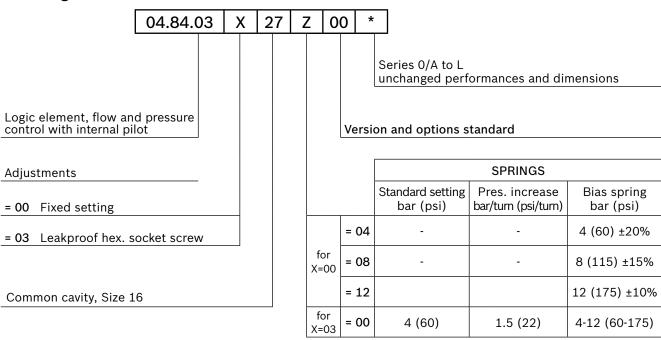
- (\*) Measured at 200 bar (2900 psi)
- (\*\*) Standard version X=00 type
- (\*\*\*) Only external seals for 10 valves

#### **Dimensions**

#### Leakproof hex. socket screw



## Ordering code



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

Туре	Material number
048403002704000	R901109868
048403002708000	R901109869
048403002712000	R901109870
048403032700000	R901109871

Туре	Material number
-	

Bosch Rexroth Oil Control S.p.A. Via Leonardo da Vinci 5 P.O. Box no. 5 41015 Nonantola – Modena, Italy Tel. +39 059 887 611 Fax +39 059 547 848 cartridges@oilcontrol.com

www.boschrexroth.com

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Subject to change.