

Logic element, flow and pressure control
with external pilot
Common cavity, Size 12

VLST-12A

04.84.01 - X - 57 - Z

RE 18321-61

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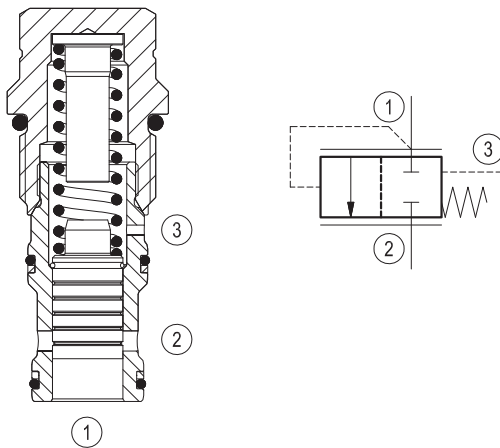


Technical data	
Max. operating pressure	350 bar (5000 psi)
Max. flow	120 l/min. (32 gpm)
Max. internal leakage ¹⁾	350 cm ³ /min. (21 cu.in./min.)
Fluid temperature range	-30 to 100 °C (-22 to 212 °F)
Installation torque	81 -95 Nm (60 - 70 ft-lbs)
Weight	0.2 kg (0.44 lbs)
Cavity	CA-12A-3C (see data sheet 18325-70)
Lines bodies and standard assemblies	Please refer to section "Hydraulic integrated circuit" or consult factory
Seal kit ²⁾	Code: RG12A9010520100 material no: R901111379
Fluids	Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 mm ² /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

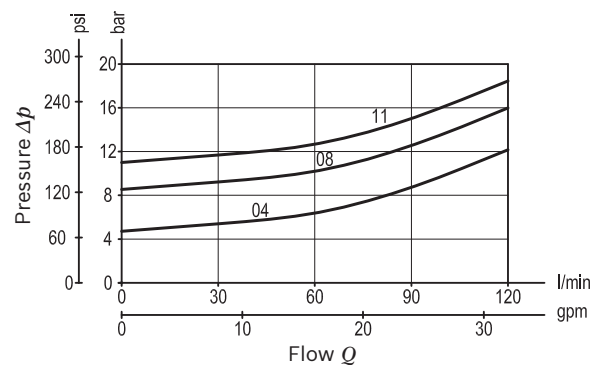
Description

When pressure at 1 rises above the selected spring bias pressure against the spool, the valve shifts to allow flow from 1 to 2. Pilot pressure at 3 is additive to the spring bias pressure. The valve may be used in switching or compensation type applications.

- 1) Measured at 200 bar (2900 psi)
- 2) Only external seals for 10 valves



Characteristic curve



Ordering code

04.84.01	X	57	Z	00	*
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Logic element, flow and pressure control, with external pilot

Series O/A to L unchanged performances and dimensions

Version and options standard

Adjustments

- 00** Fixed setting
- 04** Handknob and locknut

57 Common cavity, Size 12

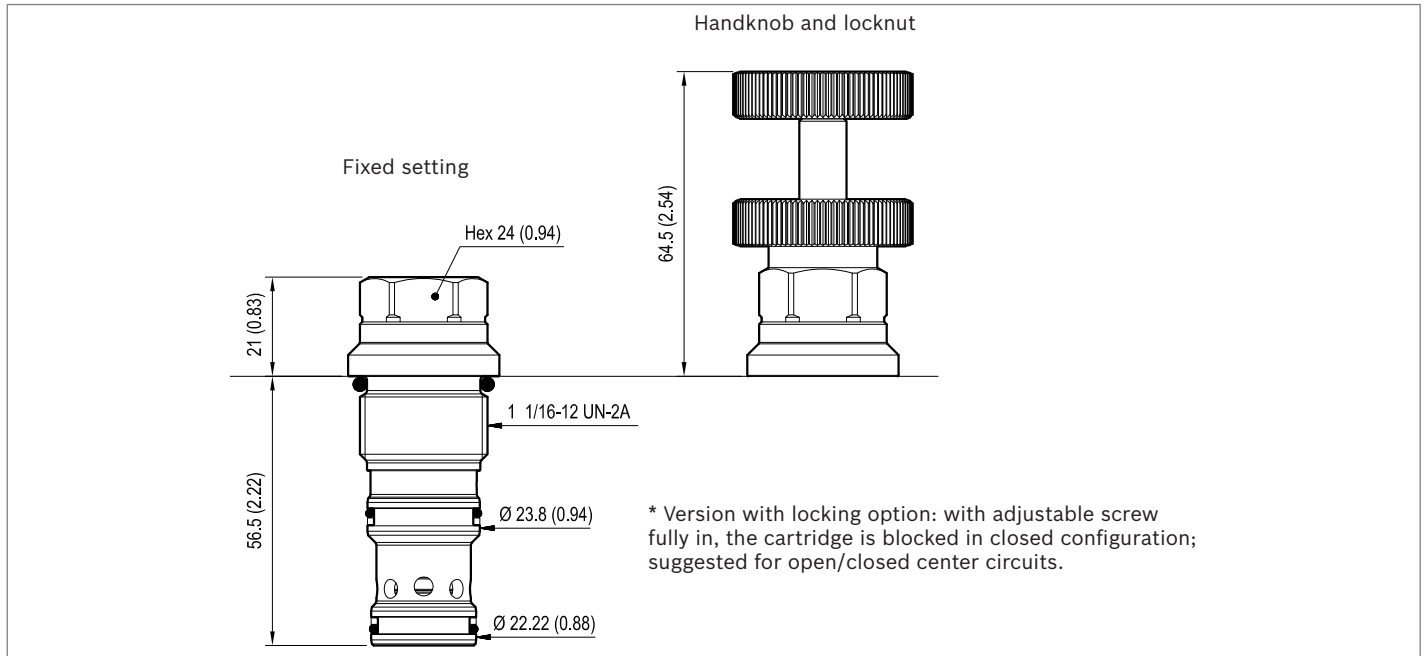
		SPRINGS		
		Std. setting bar (psi)	Pressure increase bar/turn (psi/turn)	Bias spring bar (psi)
for X= 00	04	-	-	4 (60) ± 20%
	08	-	-	8 (116) ± 15%
	11	-	-	11 (160) ± 15%
for X= 04	04 *	8 (116)	0.8 (12)	4-10 (60-145)

Preferred types

Type	Material number
048401005704000	R930000049
048401005708000	R930000050
048401005711000	R930006101

Type	Material number
048401045704000	R930053744

Dimensions



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
 compact-hydraulics-cv@boschrexroth.com
 www.boschrexroth.com/compacthydraulics

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