

# Logic element, flow and pressure control with external pilot Common cavity, Size 16

VLST-16A

04.84.01 - X - 27 - Z

**RE 18321-62**

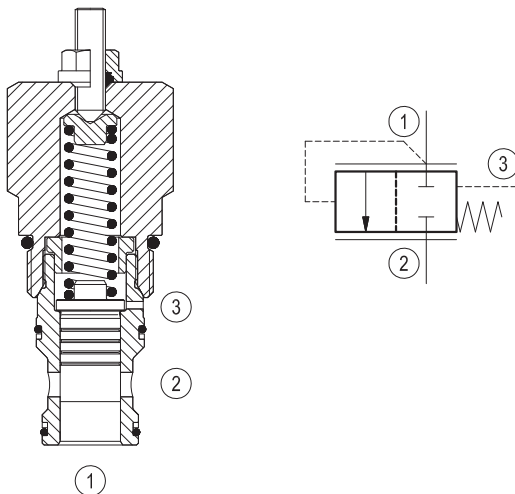
Edition: 06.2020

Replaces: 03.2016



## 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.



## Technical data

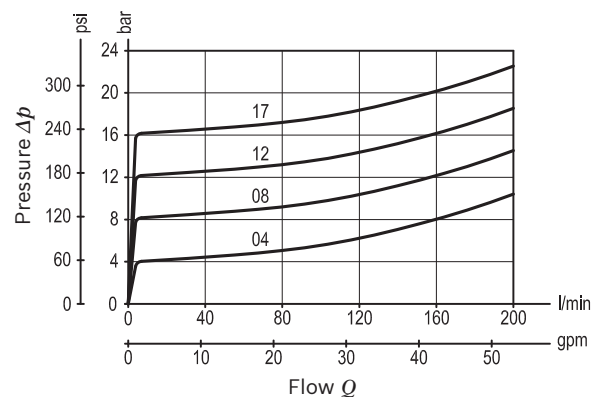
Max. operating pressure	350 bar (5000 psi)
Flow range	8 - 200 l/min (2 - 53 gpm)
Max. internal leakage <sup>1)</sup>	200 cm <sup>3</sup> /min. (12 cu.in./min.)
Fluid temperature range	-30 to 100 °C (-22 to 212 °F)
Installation torque	108 - 122 Nm (80 - 90 ft-lbs)
Weight <sup>2)</sup>	0.35 kg (0.77 lbs)
Cavity	CA-16A-3C (see data sheet 18325-70)
Lines bodies and standard assemblies	Please refer to section "Hydraulic integrated circuit" or consult factory
Seal kit <sup>3)</sup>	Code: RG16A9010520100 material no: R901111388
Fluids	Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 mm <sup>2</sup> /s (cSt)
Recommended degree of fluid contamination	Nominal value max. 10µm (NAS 8) / ISO 4406 19/17/14
Installation position	No restrictions
Other Technical Data	See data sheet 18350-50

1) Measured at 200 bar (2900 psi)

2) Standard version X=00 type

3) Only external seals for 10 valves

## Characteristic curve

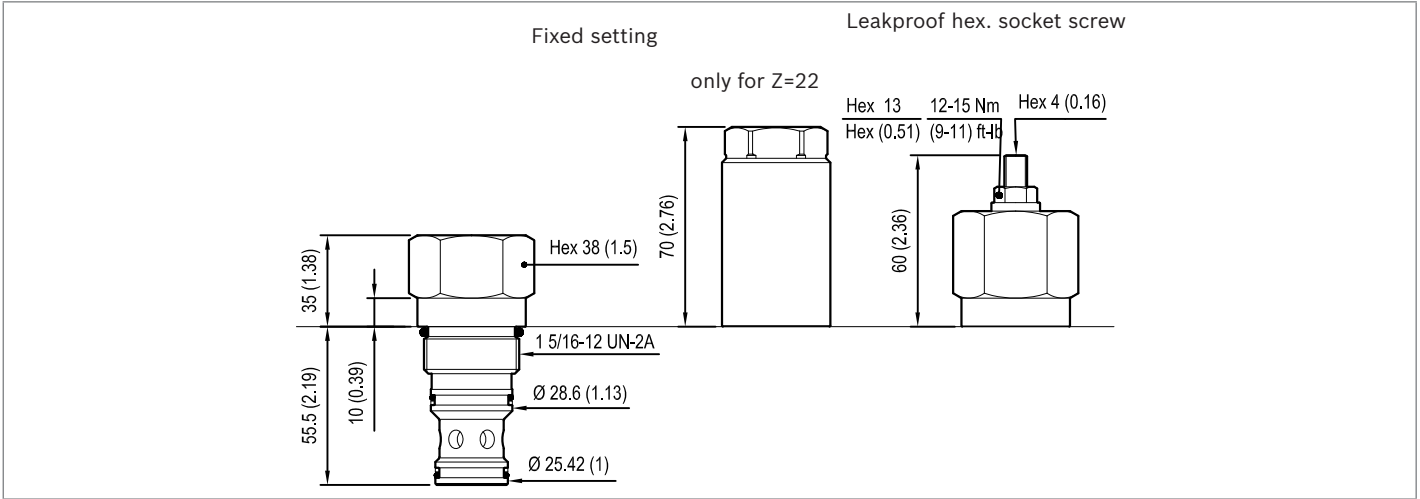


Ordering code		04.84.01		X	27	Z	00	*
Logic element, flow and pressure control, with external pilot								Series 0/A to L unchanged performances and dimensions
								Version and options standard
Adjustaments								
00 Fixed setting								
03 Leakproof hex. socket screw								
				</				

Preferred types

Type	Material number	Type	Material number
048401002704000	R901109369	048401002715000	R930000999
048401002706000	R930053465	048401002722000	R930055183
048401002708000	R901109370	048401032700000	R901109372
048401002712000	R901109371	048401002717000	R930001047

Dimensions



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