

Logic element, flow control
with external pilot
Common cavity, Size 20

VLSC-20A

04.84.02 - X - 58 - Z

RE 18321-70

Edition: 05.2017

Replaces: 03.2016

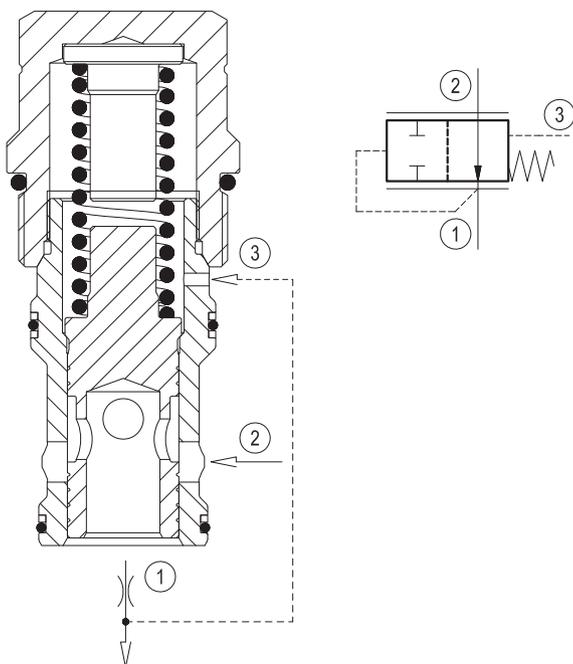


Technical data	
Max. operating pressure	350 bar (5000 psi)
Max. Flow	240 l/min. (63 gpm)
Max. internal leakage ¹⁾	200 cm ³ /min. (12 cu.in./min.)
Fluid temperature range	-30 to 100 °C (-22 to 212 °F)
Installation torque	128 - 149 Nm (95 - 110 ft-lbs)
Weight	0.65 kg (1.43 lbs)
Cavity	CA-20A-3C (see data sheet 18325-70)
Lines bodies and standard assemblies	Please refer to section "Hydraulic integrated circuit" or consult factory
Seal kit ²⁾	Code: RG20A9010530100 material no: R901111397
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

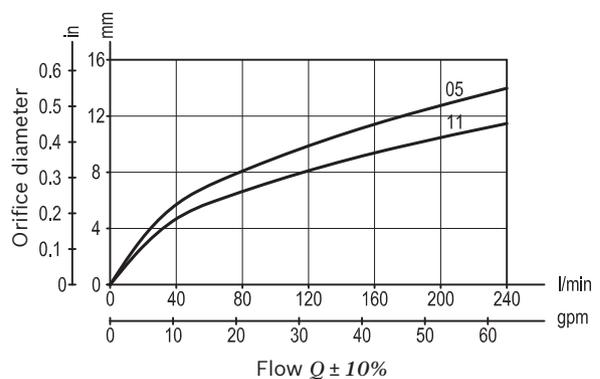
Description

When pressure at 1 rises above the selected spring bias pressure against the spool, the valve shifts to allow block 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.

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



Characteristic curve



Ordering code

04.84.02	X	58	Z	00	*
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Logic element, flow control with external pilot

Adjustments
00 Fixed setting

58 Common cavity, Size 20

Series 0/A to L
 unchanged performances and dimensions

Version and options standard

SPRINGS	
Bias spring bar (psi)	
05	5.5 (80) ± 20%
11	11 (160) ± 15%

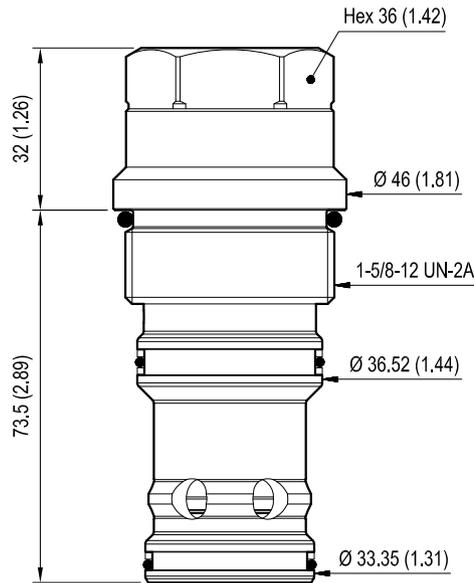
Preferred types

Type	Material number
048402005805000	R930002631
048402005811000	R930002687

Type	Material number

Dimensions

Fixed setting



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