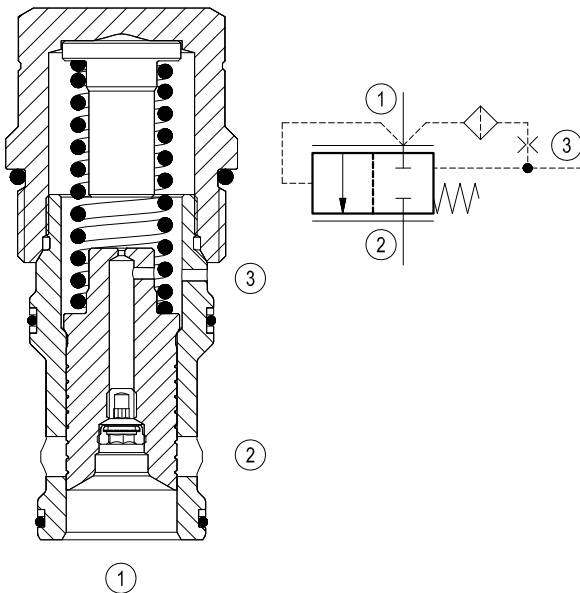


## Logic element, flow and pressure control with internal pilot

Common cavity, Size 20

VLSP-20A

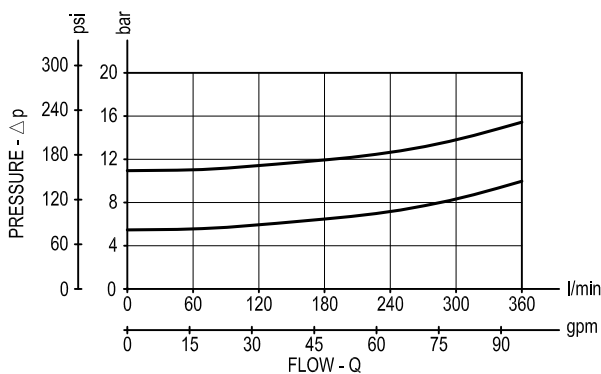
04.84.03 - X - 58 - Z



### 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



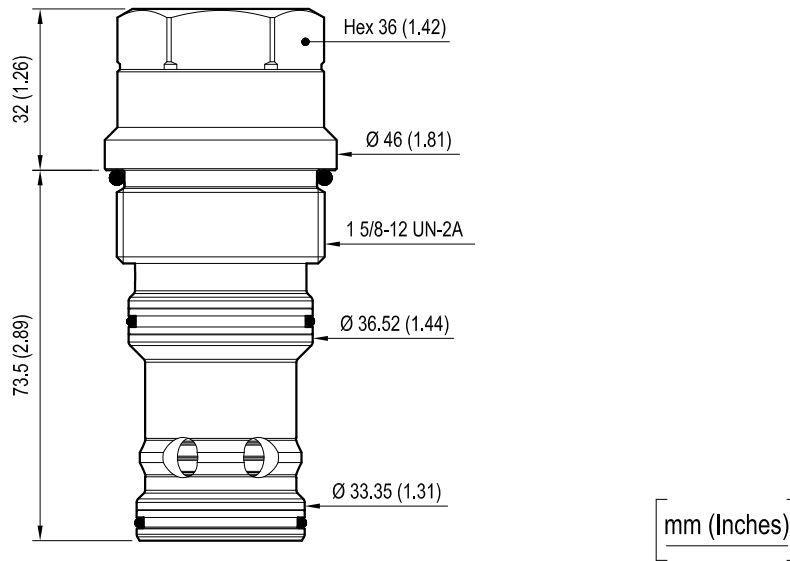
### Technical data

Max. operating pressure	bar (psi)	350 (5000)
Max. flow	l/min. (gpm)	360 (95)
Max. internal leakage (*)	cm <sup>3</sup> /min. (cu.in./min.)	200 (12)
Fluid temperature range	°C (°F)	-30 to 100 (-22 to 212)
Installation torque	Nm (ft-lbs)	128-149 (95-110)
Weight	kg (lbs)	0.8 (1.7)
Cavity		CA-20A-3C see data sheet RE 18325-70
Seal kit (**)	code material no.	RG20A9010530100 R901111397
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)

(\*\*) Only external seals for 10 valves

### Dimensions



### Ordering code

04.84.03	X	58	Z	00	*
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Logic element, flow and pressure control with external pilot

Adjustments

= 00 Fixed setting

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%

Type	Material number
048403005805000	R901109872
048403005811000	R901109873

Type	Material number