

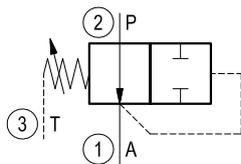
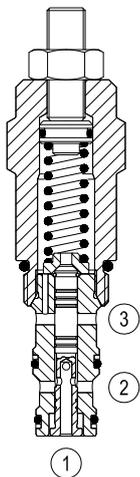
# Directional spool type, direct acting internal pilot external drain

Common cavity, Size 10



VDSR-10A-6

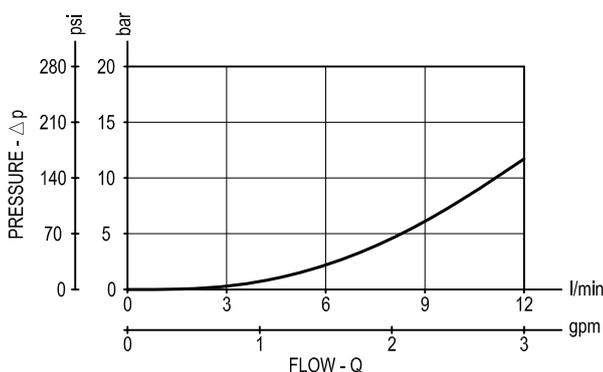
04.77.17 - X - 85 - Z



## Description

Flow is allowed from 2 to 1 until the pressure at 1 rises to the selected spring setting. Upon reaching this pressure, the spool shifts upward, blocking flow until pressure at 1 drops below the set point. The spring chamber is drained to 3, thus any pressure at 3 is additive to the spring setting.

## Performance



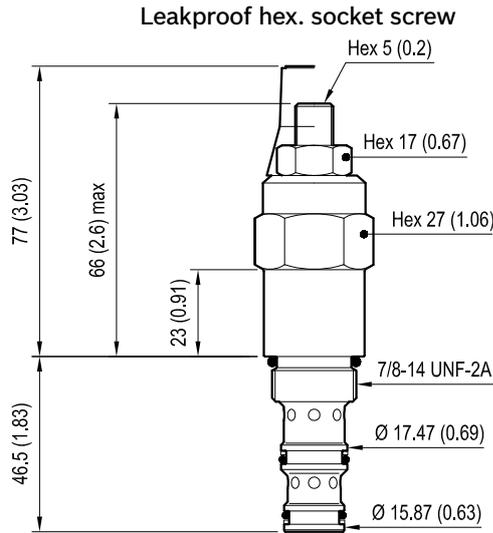
## Technical data

Max. operating pressure	bar (psi)	350 (5000)
Max. flow	l/min. (gpm)	12 (3)
Max. internal leakage (*)	cm <sup>3</sup> /min. (cu.in./min.)	10 (0.6)
Fluid temperature range	°C (°F)	-30 to 100 (-22 to 212)
Installation torque	Nm (ft-lbs)	41-47 (30-35)
Weight	kg (lbs)	0.26 (0.57)
Cavity		CA-10A-3N see data sheet RE 18325-70
Seal kit (**)	code material no.	RG10A3010520100 R901111369
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



OPTION  
 Tamper resistant cap  
 ordering code 11.04.23.004  
 Mat. no. R930001411

mm (Inches)

Ordering code

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Directional spool type, direct acting internal pilot external drain

Adjustments

= 03 Leakproof hex. socket screw

Common cavity, Size 10

Series O/A to L  
 unchanged performances and dimensions

Version and options standard

	SPRINGS		
	Adj. press. range bar (psi)	Pressure increase bar/turn (psi/turn)	Std. setting bar (psi)
= 05	10-70 (145-1000)	8 (116)	40 (580)
= 10	35-140 (500-2000)	20 (290)	90 (1300)
= 20	70-210 (1000-3000)	39 (566)	140 (2000)

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

Type	Material number
047717038505000	R901109500
047717038510000	R901109501
047717038520000	R901109502

Type	Material number