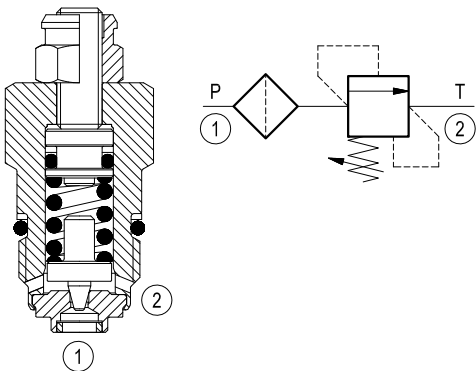


# Relief, direct acting poppet type

Special cavity, 348

VS-5-CF

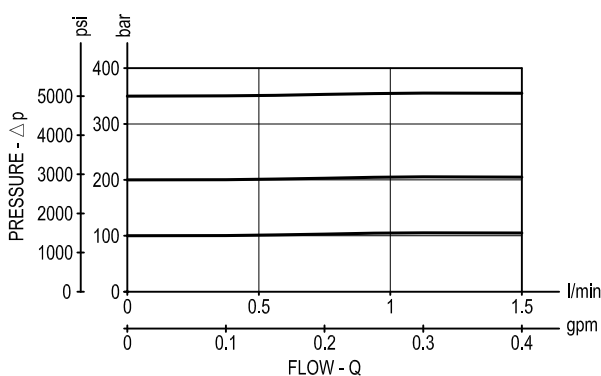
04.11.57 - X - 99 - Z



## Description

Flow is blocked from 1 to 2 until pressure increases to meet the selected valve setting, lifting the poppet from its seat and allowing relief flow through 2 to tank. Pressure at 2 is additive to the relief setting of the valve. The cartridge is suitable only for pilot or thermal relief applications.

## Performance



## Technical data

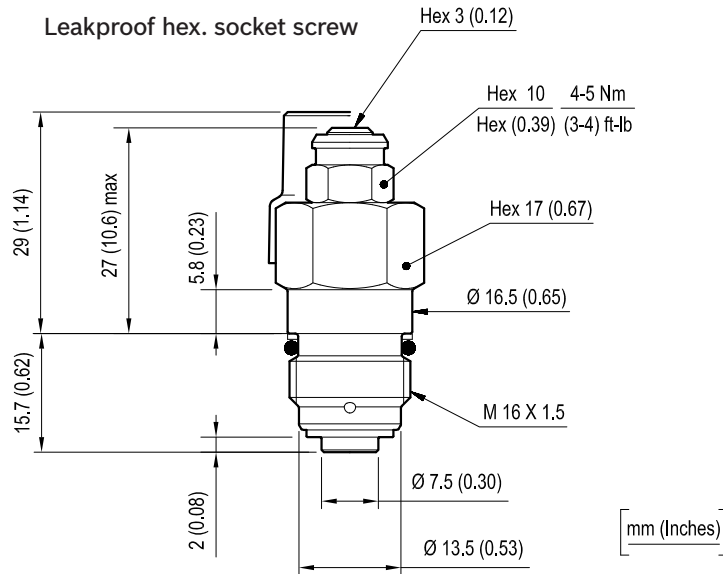
Max. operating pressure	bar (psi)	460 (6600)
Max. flow	l/min. (gpm)	1.5 (0.4)
Max. internal leakage (*)	drops/min.	15
Fluid temperature range	°C (°F)	-30 to 100 (-22 to 212)
Installation torque	Nm (ft-lbs)	27-33 (20-24)
Weight	kg (lbs)	0.05 (0.11)
Special cavity		348 see data sheet RE 18325-75
Seal kit (**)	code material no.	RG0348010520100 R930001669
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

(\*) at 80% of pressure setting

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

### Dimensions

**OPTION**  
 Tamper resistant cap  
 ordering code 11.04.31.001  
 Mat. no. R930000777



### Ordering code

04.11.57	X	99	Z	00	*
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Series 0/A to L  
 unchanged performances and dimensions

Relief, direct acting poppet type

Version and options standard

Adjustments

= 03 Leakproof hex. socket screw

SPRINGS			
	Adj. press. range bar (psi)	Pressure increase bar/turn (psi/turn)	Std. setting bar (psi) cracking pressure
= 10	25-100 (350-1450)	40 (580)	100 (1450)
= 20	100-200 (1450-2900)	73 (1059)	200 (2900)
= 35	200-350 (2900-5000)	167 (2422)	350 (5000)
= 46	350-460 (5000-6600)	228 (3306)	350 (5000)

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

Type	Material number
04115703991000A	R901099066
041157039920000	R901099072
041157039935000	R901099117
041157039946000	R901099135

Type	Material number