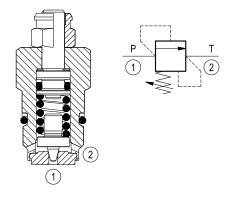


RE 18318-19/09.09 1/2 Replaces: RE 00162-02/01.06

# Relief, direct acting poppet type

# Special cavity, 348

VS-5-CN

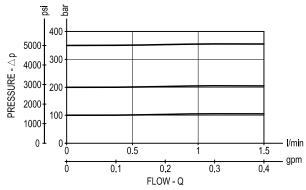


#### Description

04.11.58 - X - 99 - Z

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

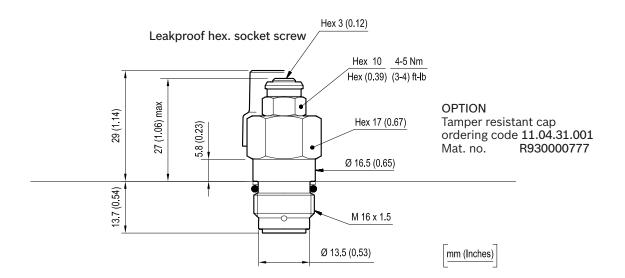
Max. operating press	ure bar (psi)	460 (6600)		
Max. flow	l/min. (gpm)	1.5 (0.4)		
Max. internal leakage (*)	drops/min.	15		
Fluid temperature ra	ange °C (°F)	-30 to 100 (-22 to 212)		
Installation torque	Nm (ft-lbs)	27-33 (20-24)		
Weight	kg (lbs)	0.05 (0.11)		
Special cavity		348 see data sheet RE 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 Dat	a	See data sheet RE 18350-50		
(+) + 0.004 - 0		·		

(\*) at 80% of pressure setting

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



#### Dimensions



## Ordering code

								_		
	04.11.	58	X	99	Z	00	2 ×			
								Series 0/A to L unchanged per	formances and di	mensions
Relief, direct acting poppe	et type						Versi	on and options	standard	
									SPRINGS	
Adjustments = 03 Leakproof hex. so	cket screw	/					Adj	press. range bar (psi)	Pressure increase bar/turn (psi/turn)	Std. setting bar (psi) cracking pressure
						= 10	25-1	00 (350-1450)	40 (580)	100 (1450)
Special cavity, 348						= 20	100-2	00 (1450-2900)	73 (1059)	200 (2900)
						= 35	200-3	50 (2900-5000)	167 (2422)	350 (5000)
						= 46	350-4	60 (5000-6600)	228 (3306)	350 (5000)

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

Туре	Material number	Туре	Material number
04115803991000A	R901098796		
041158039920000	R901113594		
041158039935000	R901113597		
041158039946000	R901098895		

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The data specified above only serve to describe the product. No statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgment and verification. It must be remembered that our products are subject to a natural process of wear and aging.

Subject to change.