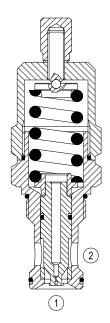


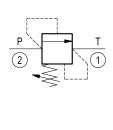
RE 18318-22/09.09 1/2 Replaces: RE 00162-02/01.06

# Relief, direct acting poppet type differential area

## Special cavity, 004

VSD-350





#### Description

04.15.04 - X - 99 - Z

Flow is blocked from 2 to 1 until pressure increases to meet the selected valve setting, lifting the poppet from its seat and allowing relief flow through 1 to tank. Pressure at 1 is additive to the relief setting of the valve. The combination of stable poppet design and hardened seat provide excellent response, hysteresis and leakage characteristics.

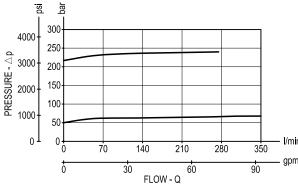
#### Technical data

Max. operating pressure port 2 (P)	bar (psi)	210 (3000)
Max. pressure admitted port 1 (T)	bar (psi)	140 (2000)
Max. flow I/m	in. (gpm)	350 (93)
Max. internal leakage (*) dr	ops/min.	15
Fluid temperature range	°C (°F)	-30 to 100 (-22 to 212)
Installation torque Ni	m (ft-lbs)	245-264 (181-196)
Weight	kg (lbs)	1.5 (3.3)
Special cavity		004, see data sheet RE 18325-75
Seal kit (**) ma	code terial no.	
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 se	etting	

(\*) at 80% of pressure setting

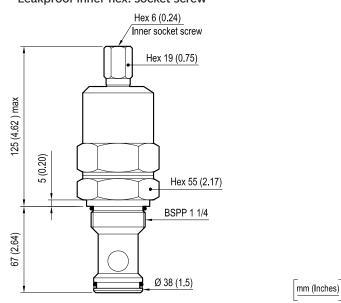
(\*\*) Only external seals for 10 valves

### Performance



#### Dimensions

Leakproof inner hex. socket screw



#### Ordering code

04.15.04 Ζ \* Х 99 00 Series 0/A to L unchanged performances and dimensions Relief, direct acting poppet Version and options standard type differential area SPRINGS Std. setting Pressure increase Adjustments Adj. press. range bar (psi) bar/turn (psi/ bar (psi) = 03 Leakproof inner hex. socket screw turn) (Q=5 l/min) = 05 15-50 (220-725) 9 (131) 50 (725) = 20 80-210 (1160-3000) 37 (537) 200 (2900) Special cavity, 004

<b>ype</b> 4150403990500A	Material number R930000377
04150403992000A	R901113637
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