

RE 18318-08/09.09
Replaces: RE 00162-02/01.06

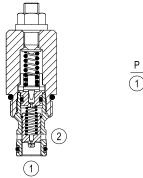
# Relief, pilot operated spool type

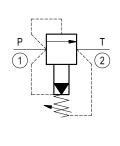
Common cavity, Size 10

VSPN-10A

04.12.08 - X - 85 - Z



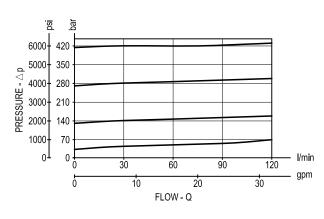




## Description

Flow is blocked from 1 to 2 until pressure increases to meet the selected valve setting, lifting the conical, pilot-stage poppet from its seat. This action exhausts oil above the main-stage piston (spool type), allowing it to shift and provide relief flow through 2 to tank. Pressure at 2 is additive to the relief setting of the valve.

## Performance



## Technical data

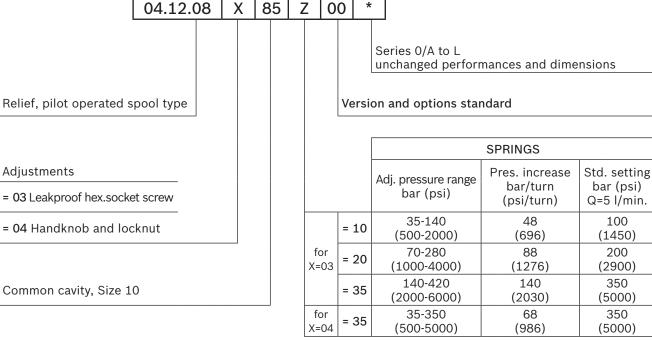
Max. operating pressure bar (psi) port 1 (P)	420 (6000)
Max. pressure admitted port 2 (T) bar (psi)	350 (5000) for version 03 210 (3000) for version 04
Flow range I/min. (gpm)	3-120 (1-32)
Max. internal leakage (*) cm³/min. (cu.in./min.)	200 (12)
Fluid temperature range °C (°F)	-30 to 100 (-22 to 212)
Installation torque Nm (ft-lbs)	41-47 (30-35)
Weight (**) kg (lbs)	0.21 (0.46)
Cavity	CA-10A-2N see data sheet RE 18325-70
	RG10A2010530100 R901111366
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 general technical data	See data sheet RE 18350-50
(*) M = = = = = = = = = = = = = = = = = =	

- (\*) Measured at 200 bar (2900 psi)
- (\*\*) Standard version X=03 type
- (\*\*\*) Only external seals for 10 valves

#### **Dimensions**

#### Handknob and locknut Ø38 (1.5) Leakproof hex. socket screw **OPTION** Hex 4 (0.16) Hex 13 12-15 Nm Tamper resistant cap ordering code 11.04.23.002 Hex (0.51) (9-11) ft-lb R930000752 Mat. no. 73.4 (2.89) 60 (2.36) Hex 24 (0.95) 48 (1.89) Hex 24 (0.95) 7/8-14 UNF-2A (1.26)Ø 15.87 (0.63) mm (Inches)

# Ordering code



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

Туре	Material number
041208038510000	R901097726
041208038520000	R901097722
041208038535000	R901104103
041208048535000	R901104104

Туре	Material number

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