

Relief, pilot operated spool type

Common cavity, Size 10

VSPN-10A



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 mainstage 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. 04.12.08 - X - 85 - Z

RE 18318-08 Edition: 03.2016 Replaces: 11.2015

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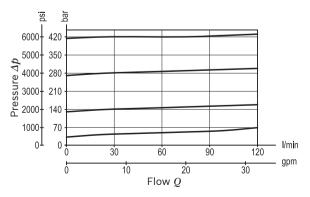
Technical data		
Max. operating pressure port 1 (P)	420 bar (6000 psi)	
Max. pressure admitted port 2 (T)	350 bar (5000 psi) for version 03 210 bar (3000 psi) for version 04	
Flow range	3 - 120 l/min (1 - 32 gpm)	
Max. internal leakage ¹⁾	200 cm ³ /min. (12 cu.in./min.)	
Fluid temperature range	-30 to 100 °C (-22 to 212 °F)	
Installation torque	41 - 47 Nm (30 - 35 ft-lbs)	
Weight ²⁾	0.21 kg (0.46 lbs)	
Cavity	CA-10A-2N (see data sheet 18325-70)	
Lines bodies and standard assemblies	Please refer to section "Hydraulic integrated circuit" or consult factory	
MTTFd	150 years see data sheet 18350-51	
Seal kit ³⁾	Code: RG10A2010530100	
	material no: R901111366	
Fluids	Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 mm²/s (cSt)	
Recommended degree of fluid contamination	Nominal value max. 10µm (NAS 8) / ISO 4406 19/17/14	
Installation position	No restrictions	
Other Technical Data	See data sheet 18350-50	

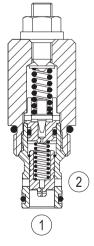
1) Measured at 200 bar (2900 psi)

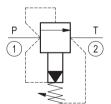
2) Standard version X=03 type

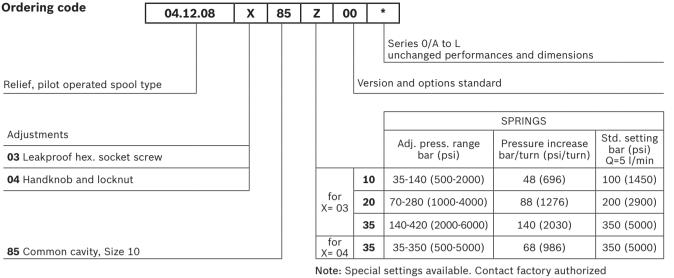
3) Only external seals for 10 valves

Characteristic curve







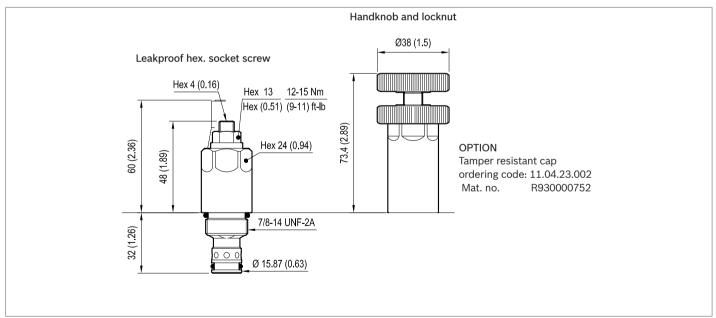


representative for ordering code.

Preferred types

Туре	Material number	Туре	Material number
041208038510000	R901097726		
041208038520000	R901097722		
041208038535000	R901104103		
041208048535000	R901104104		

Dimensions



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