

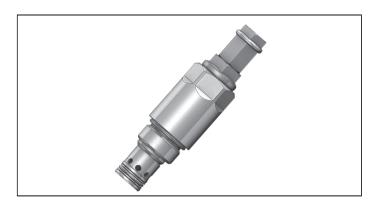
Relief, pilot operated spool type pressure compensated Common cavity, Size 10

RE 18318-39

Edition: 04.2016

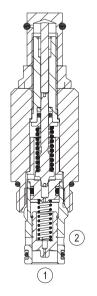
VSPP-10A

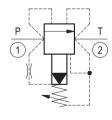
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Description

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. The valve applies a balanced piston design allowing consistent relief operation at the valve setting independent of back-pressure at 2.

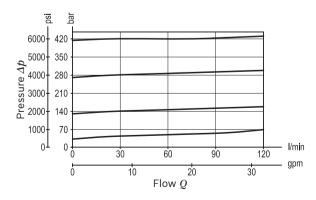


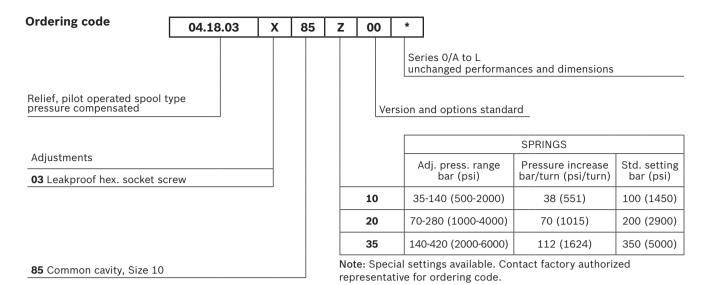


Technical data	
Max. operating pressure port 1 (P)	420 bar (6000 psi)
Max. pressure admitted port 2 (T)	350 bar (5000 psi)
Flow range	3 - 120 l/min (1 - 32 gpm)
Max. internal leakage ¹⁾	200 cm ³ /min. (12 cu.in./min.)
Fluid temperature range	-30 to 100 °C (-22 to 212 °F)
Installation torque	41 - 47 Nm (30 - 35 ft-lbs)
Weight	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
Seal kit ²⁾	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) Only external seals for 10 valves

Characteristic curve





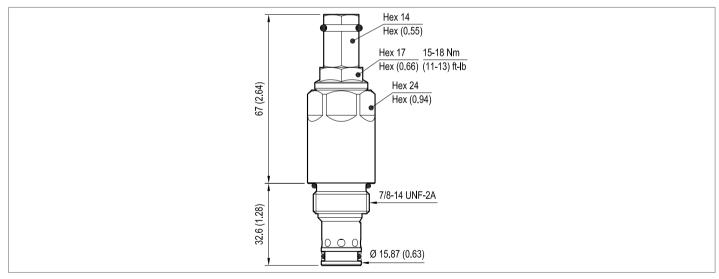
Preferred types

2

Туре	Material number
041803038510000	R930059443
041803038520000	R930059444
041803038535000	R930059445

Туре	Material number

Dimensions



Bosch Rexroth Oil Control S.p.A.

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