Rexroth Bosch Group

RE 18323-65/01.16 Replaces: RE 00162-02/08.10

1/4

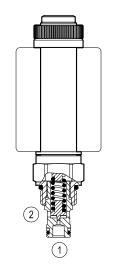
Proportional valves direct acting relief

Common cavity, Size 08

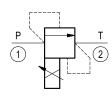
VEP-5B-2S-D

OD.94.01.18 - Y - Z









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Weight	kg (lbs)	0.23 (0.51)
Installation orientation		Optional
Ambient temperature range	°C (°F)	-30 to 60 (-22 to 140)

Hydraulic		
Max. operating pressure bar (psi)		350 (5000)
Flow range	l/min.(gpm)	See flow diagram
Max. internal leakage (*) cm ³ /min.	(cu.in./min.)	5 (0.3)
Fluid temperature range	°C (°F)	-20 to 80 (-4 to 176)
Fluids		Mineral-based or synthetics with lubricating properties at viscosities of 15 to 380 mm ² /s (cSt)
Installation torque	Nm (ft-lbs)	39-51 (29-38)
Recommended degree of fluid contamination		Nominal value max. 10µm (NAS 8) ISO 4406 19/17/14
Cavity		CA-08A-2N see RE 18325-70
Lines bodies and standard assemblies		Please refer to section "Hydaulic integrated circuit" or consult factory
Seal kit		RG08A2010520100 R901101437
Seal kit coil		RG19A1PNBR7010 R934003964
Other technical data		See data sheet RE 18350-50

(*) at 20% of pressure setting. Oil at 46 cSt

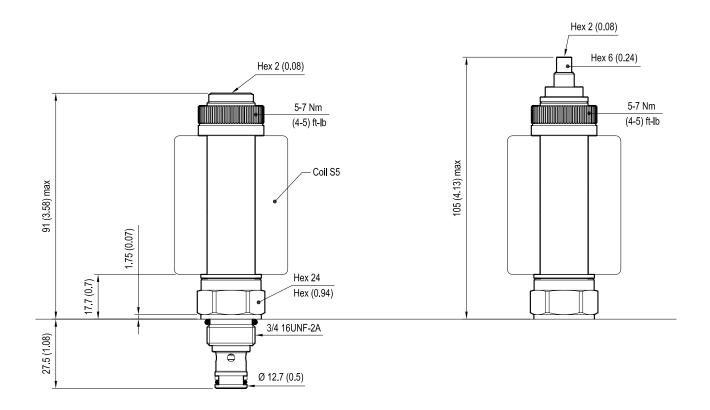
Electrical

Type of voltage	DC voltage
Coil type	S5
Supply voltage	12 DC
Nominal voltage	± 10%
Power consumption W	23
Duty cycle %	100
Type of protection	See data sheet RE 18325-90

Note: Coils must be ordered separately.

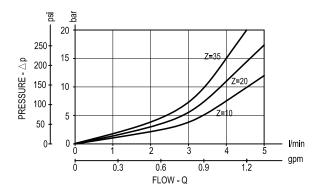
Dimensions

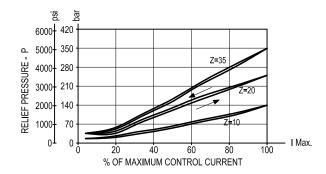
Proportional valves direct acting relief



mm (Inches)

Performance graphs





PMW Frequency: 120-150 Hz

Hysteresis: < 5%

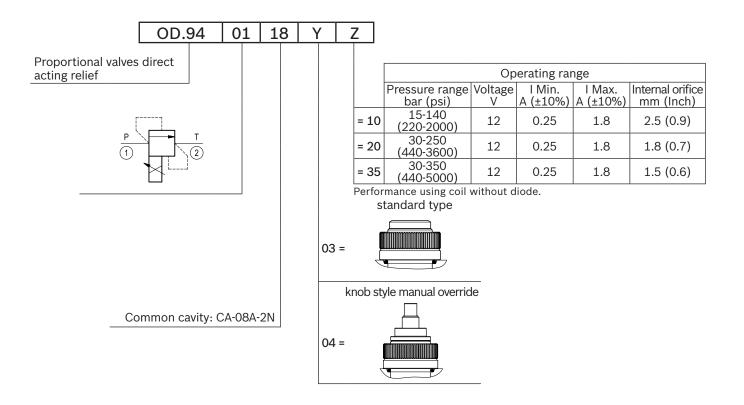
Note (1): It is recommended to use coil 12 DC.

Note (2): It is recommended to bleed air carefully before

operation.

Note (3): Performance using coil without diode.

Ordering code



Туре	Material number
OD940118031000	R934001530
OD940118032000	R934001531
OD940118033500	R934001532
OD940118041000	R934001533
OD940118042000	R934001534
OD940118043500	R934001535

Туре	Material number

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Subject to change.