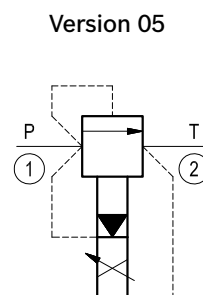
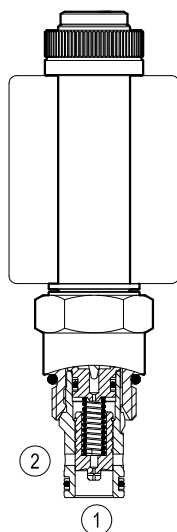


Proportional valves pilot operated relief

Common cavity, Size 10

VEP-5B-2S-10A-P

OD.94.05.36 - Y - Z



General

Weight	kg (lbs)	0.3 (0.66)
Installation orientation		Optional
Ambient temperature range	°C (°F)	-30 to 60 (-22 to 140)
Salt spray test to DIN EN ISO 9227:2017-07		500h

Hydraulic

Max. operating pressure	bar (psi)	350 (5000)
Flow range	l/min.(gpm)	7-120 (2-32)
Max. internal leakage	cm ³ /min. (cu.in./min.)	200 (12)
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)	44-56 (33-41)
Recommended degree of fluid contamination		Nominal value max. 10µm (NAS 8) ISO 4406 19/17/14
Cavity		CA-10A-2N see Re 18325-70
Lines bodies and standard assemblies		Please refer to section "Hydraulic integrated circuit" or consult factory
Seal kit	code material no.	RG10A2010530100 R901111366
Seal kit coil	code material no.	RG19A1PNBR7010 R934003964
Other technical data		See data sheet RE 18350-50

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

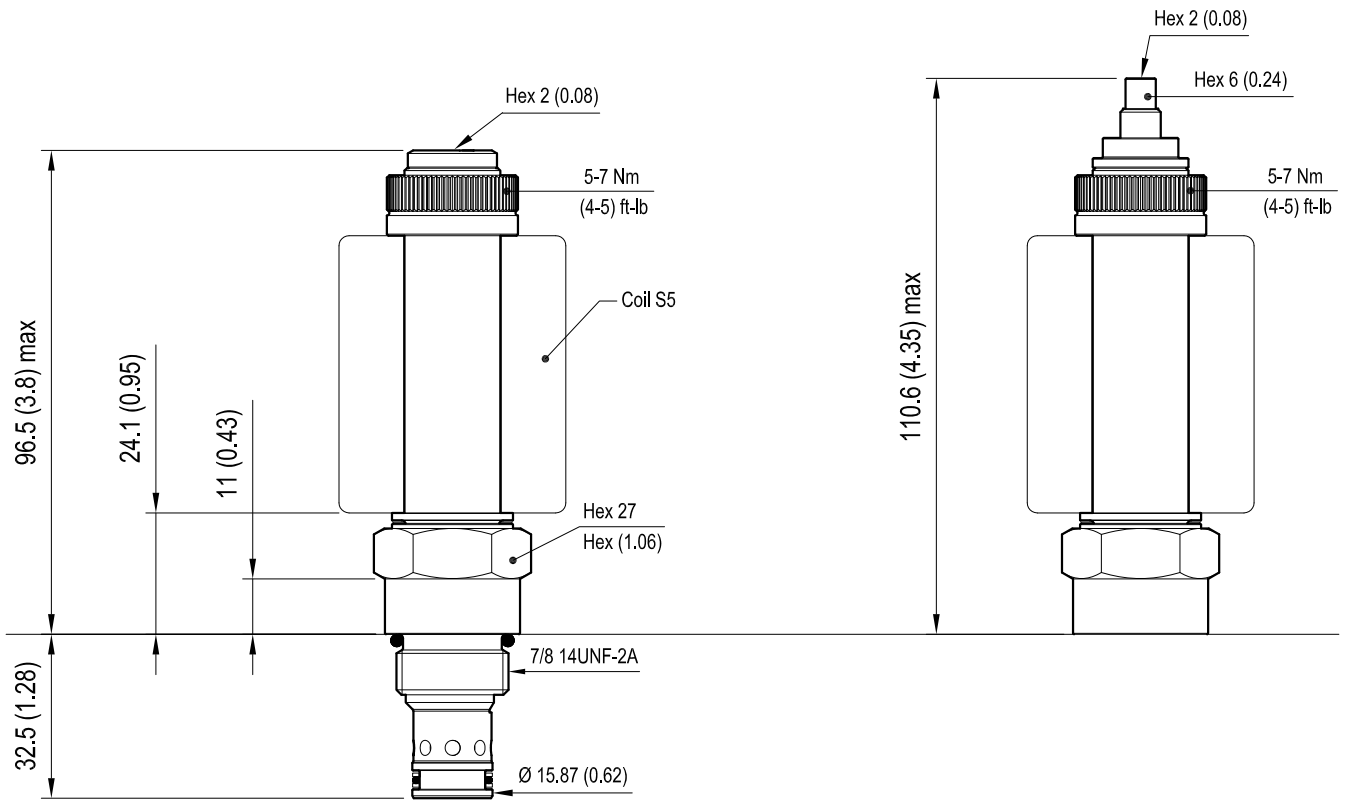
Electrical

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.

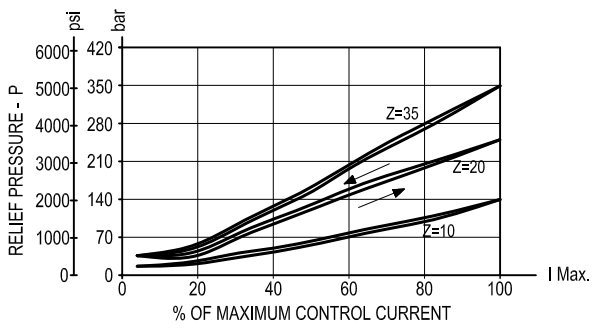
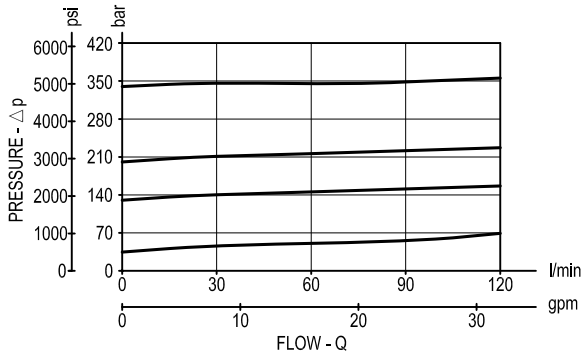
Dimensions

Proportional valves pilot operated relief



[mm (Inches)]

Performance graphs



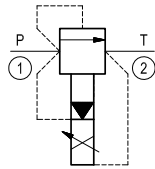
PMW Frequency: 120-150 Hz
Hysteresis: < 5%

- 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

OD.94 05 36 Y Z

Proportional valves pilot operated relief



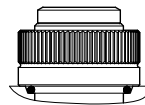
Common cavity: CA-10A-2N

	Operating range			
	Pressure range bar (psi)	Voltage V	I Min. A (±10%)	I Max. A (±10%)
= 10	15-140 (220-2000)	12	0.18	1.6
= 20	30-250 (440-3600)	12	0.13	1.5
= 35	30-350 (440-5000)	12	0.28	1.4

Performance using coil without diode.

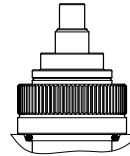
standard type

03 =



knob style manual override

04 =



Type	Material number
OD940536031000	R934001536
OD940536032000	R934001537
OD940536033500	R934001538
OD940536041000	R934001539
OD940536042000	R934001540
OD940536043500	R934003877

Type	Material number