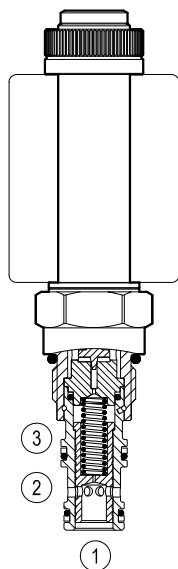


# Proportional valves pilot operated pressure reducing

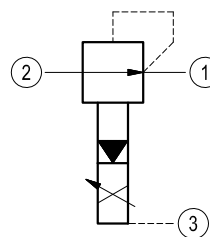
Common cavity, Size 10

VEP-5A-2R-06-P

OD.91.06.77 - Y - 00



Version 06



## 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 port 2	bar (psi)	280 (4000)
Max. operating pressure port 1	bar (psi)	210 (3000)
Flow range	l/min.(gpm)	2-60 (0.5-16)
Max. internal leakage	cm <sup>3</sup> /min. (cu.in./min.)	50 (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 <sup>2</sup> /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-3N see RE 18325-70
Lines bodies and standard assemblies		Please refer to section "Hydraulic integrated circuit" or consult factory
Seal kit	code material no.	RG10A3010520100 R901111369
Seal kit coil	code material no.	RG19A1PNBR7010 R934003964
Other technical data		See data sheet RE 18350-50

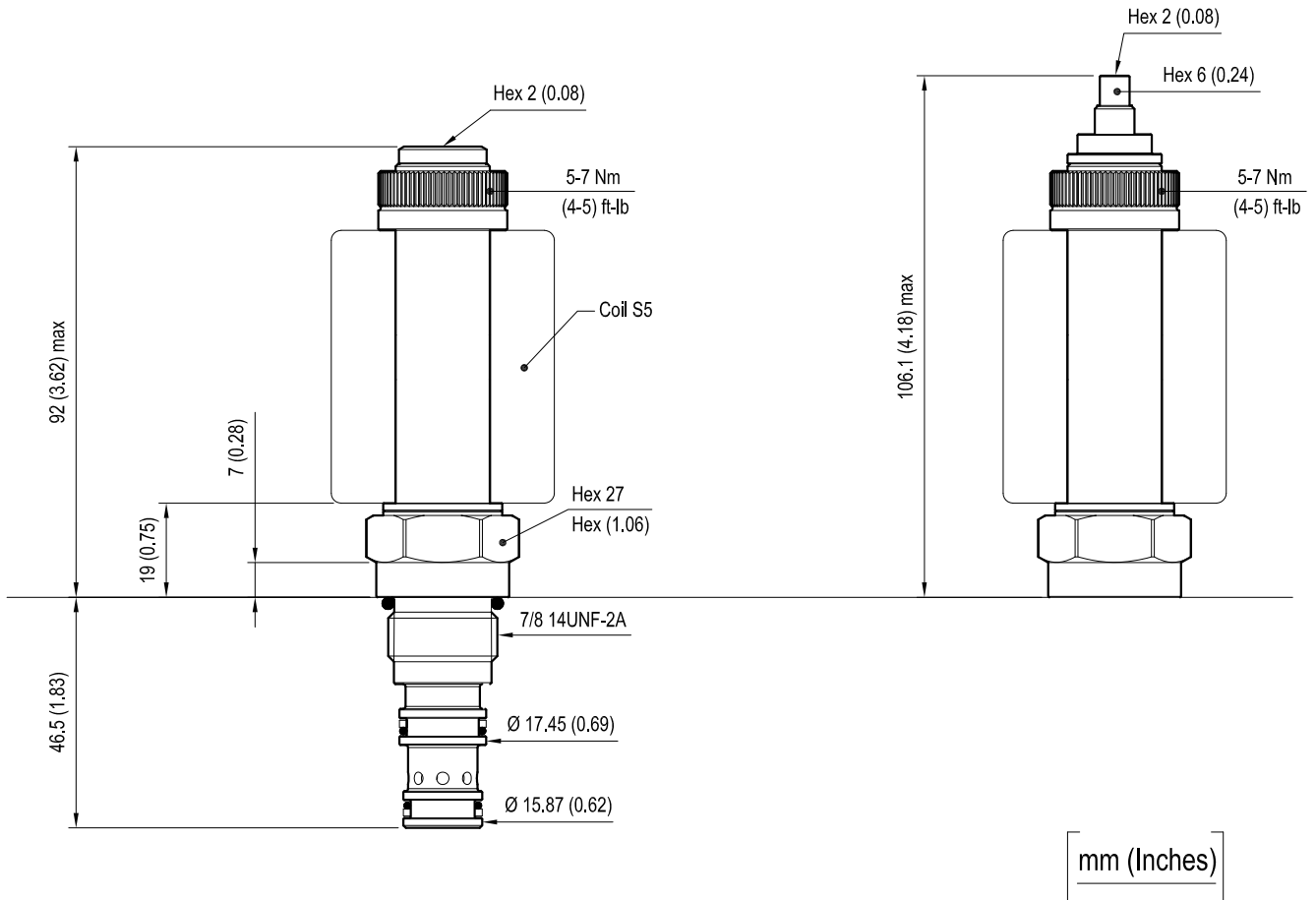
## Electrical

Type of voltage	12 DC voltage
Coil type	S5
Supply voltage	See data sheet RE 18325-90
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.

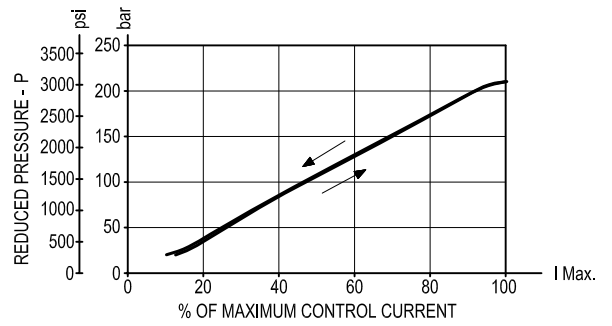
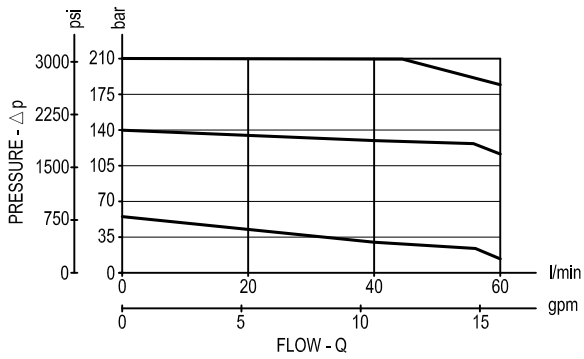
## Dimensions

### Proportional valves pilot operated pressure reducing



Allowed back pressure at port 3 (Y): 5 bar (73 psi)  
max

### Performance graphs



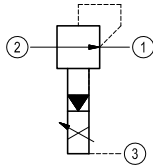
	I	P bar (psi)	Coils
I min:	0.1 A	15 (218)	12 DC
I max:	1.3 A	210 (3045)	12 DC
PMW Frequency: 120-150 Hz			
Hysteresis: < 5%			

- 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.91	06	77	Y	00
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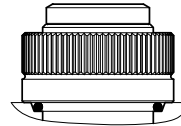
Proportional valves pilot operated pressure reducing



Common cavity: CA-10A-3N

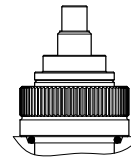
standard type

03 =



knob style manual override

04 =



Type	Material number
OD910677030000	R901118933
OD910677040000	R901126868

Type	Material number