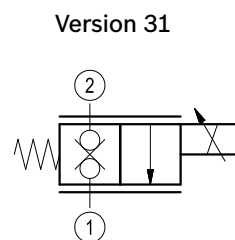
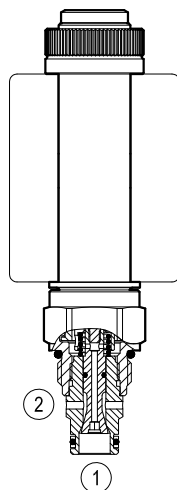


Proportional valves 2-way double lock normally closed

Common cavity, Size 08

VEP-5A-2T-06-NC

OD.95.31.18 - Y - 00



General

Weight - Valve	kg (lbs)	0.25 (0.55)
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

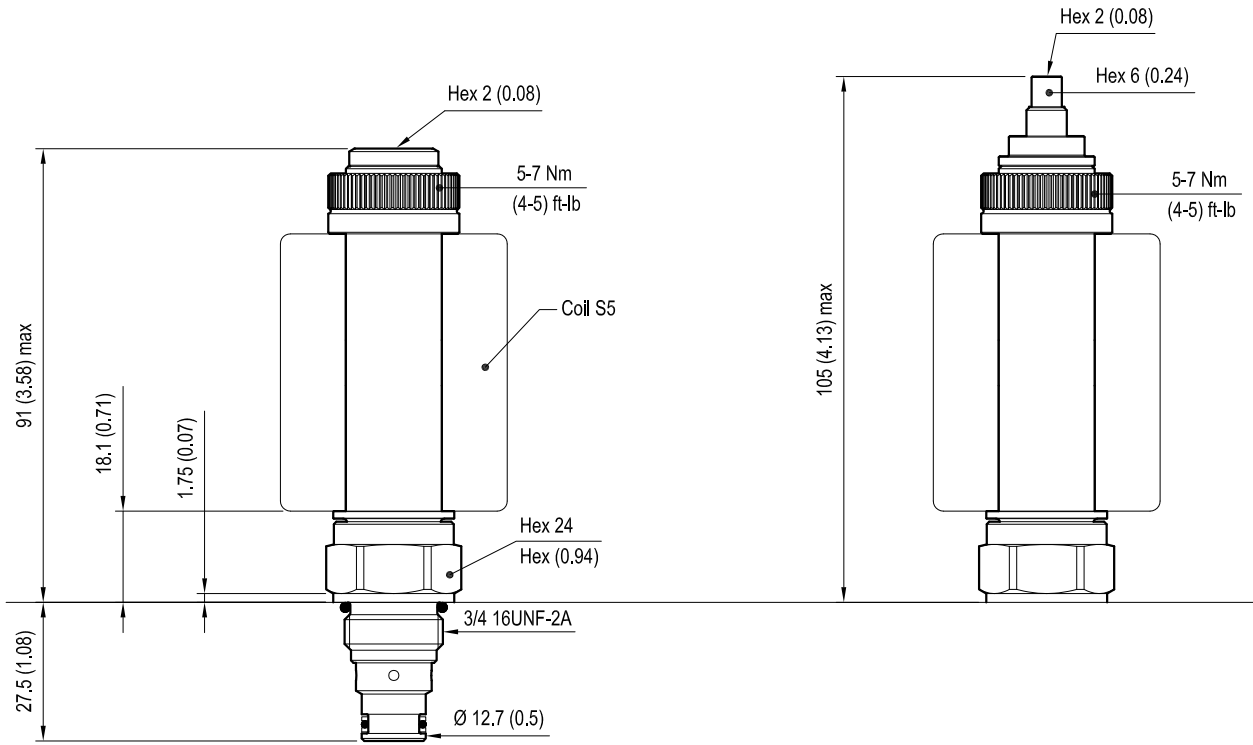
Max. operating pressure	bar (psi)	210 (3000)
Flow range	l/min.(gpm)	2-20 (0.5-5)
Max. internal leakage	cm ³ /min. (cu.in./min.)	1 (0.1)
Fluid temperature range	°C (°F)	-20 to 80 (-4 to 176)
Fluids		Mineral-based or synthetics with lubricating properties at viscosities of 15 to 380 mm ² /s (cSt)
Installation 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 "Hydraulic integrated circuit" or consult factory
Seal kit	code material no.	RG08A2010530100 R901101544
Seal kit coil	code material no.	RG19A1PNBR7010 R934003964
Other technical data		See data sheet RE 18350-50

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

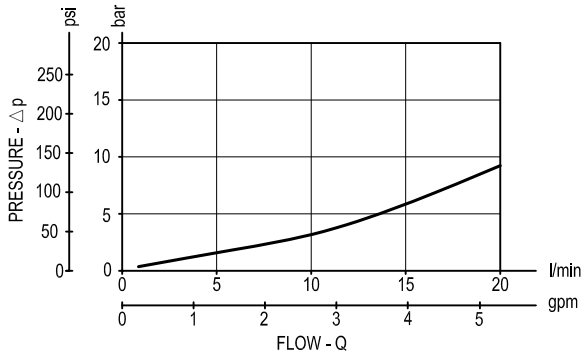
Dimensions

Proportional valves 2-way double lock normally closed



mm (Inches)

Performance graphs



Flow regulation			
Pressure bar (psi)	Flow Q l/min (gpm)	I Min. A (±10%)	I Max. A (±10%)
15 (218)	19 (5)	0.8	1.4
100 (1450)	20 (5.3)	0.9	1.6
200 (2900)	20 (5.3)	0.95	2.1

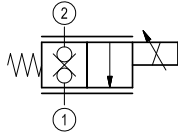
Note (1): it is recommended to use coil 12 DC.
 Note (2): Performance using coil without diode.

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

Ordering code

OD.95	31	18	Y	00
-------	----	----	---	----

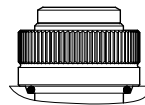
Proportional valves 2-way
double lock normally
closed



Common cavity: CA-08A-2N

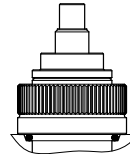
standard type

03 =



knob style manual override

04 =



Type	Material number	Type	Material number
OD953118030000	R901113761		
OD953118040000	R901126864		