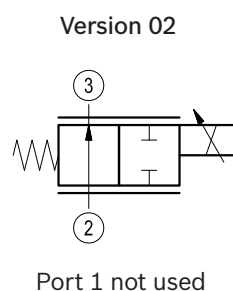
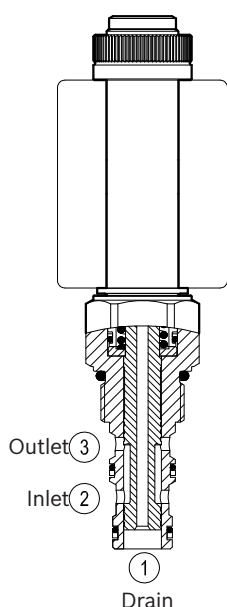


# Proportional valves not compensated flow regulator

Common cavity, Size 10

VEP-5A-2Q-09

OD.92.02.77 - Y - Z



## General

Weight	kg (lbs)	0.32 (0.71)
Installation orientation		Optional
Ambient temperature range	°C (°F)	-30 to 60 (-22 to 140)

## Hydraulic

Max. operating pressure	bar (psi)	210 (3000)
Flow range	l/min.(gpm)	See flow diagram
Max. internal leakage (*)	cm <sup>3</sup> /min. (cu.in./min.)	100 (6)
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 RG10A3010520100 material no. R901111369

Seal kit coil code RG19A1PNBR7010 material no. R934003964

Other technical data See data sheet RE 18350-50

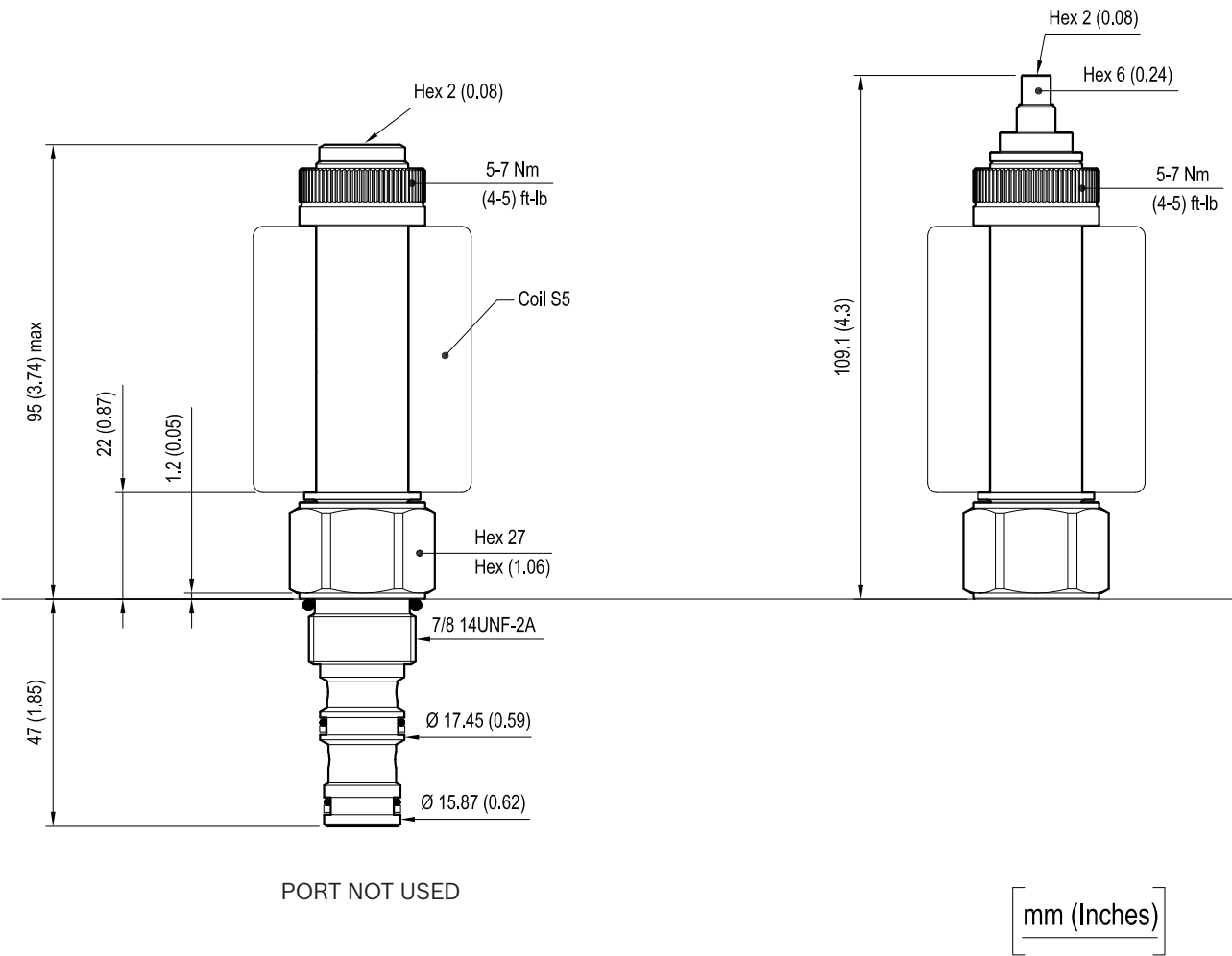
(\*) Measured at 210 bar (3000 psi). Oil at 46 cSt.

## 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

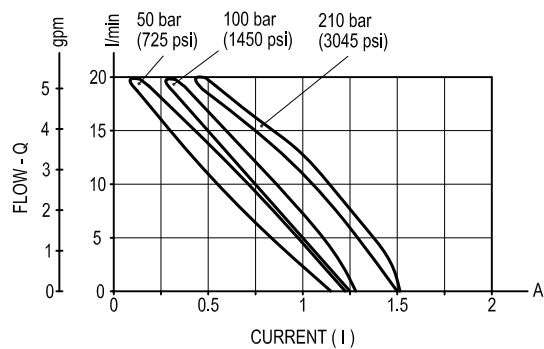
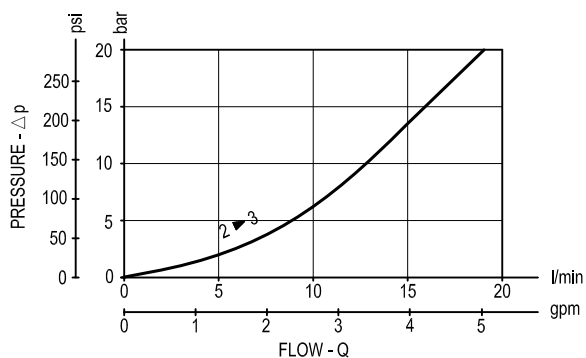
Dimensions

Proportional valves not compensated flow regulator

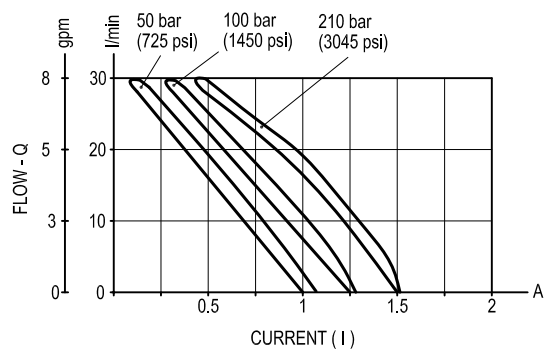
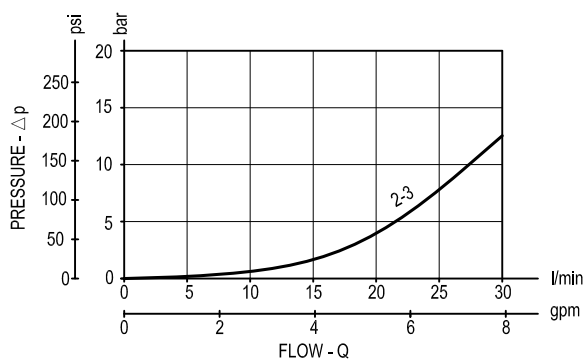


## Performance graphs

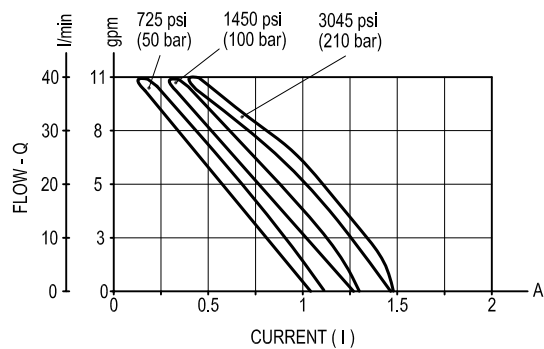
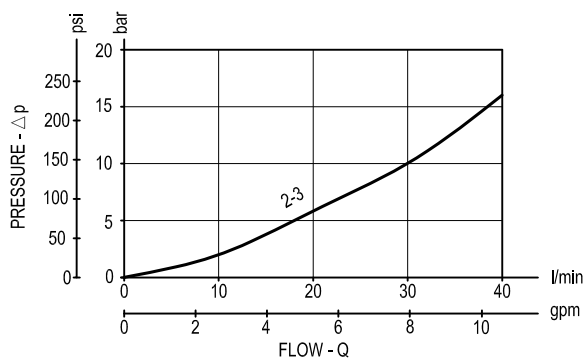
Z= 01



Z= 02



Z= 03



PMW Frequency: 120-150 Hz

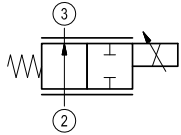
Hysteresis: < 5%

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

Note (2): Performance using coil without diode.

Ordering code

Proportional valves  
not compensated flow  
regulator

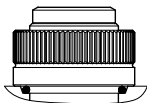


Common cavity: CA-10A-3N

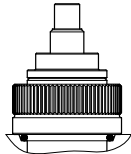
Operating range			
	Rated flow max l/min (gpm)	I Min. A (±15%)	I Max. A (±15%)
= 01	20 (6)	0.4	1.4
= 02	30 (8)	0.4	1.4
= 03	40 (11)	0.3	1.4

Performance using coil without diode.

standard type

03 = 

knob style manual override

04 = 

Type	Material number
OD920277030100	R934001510
OD920277030200	R934001511
OD920277030300	R934003129
OD920277040100	R934003908
OD920277040200	R934001512
OD920277040300	R934001513

Type	Material number