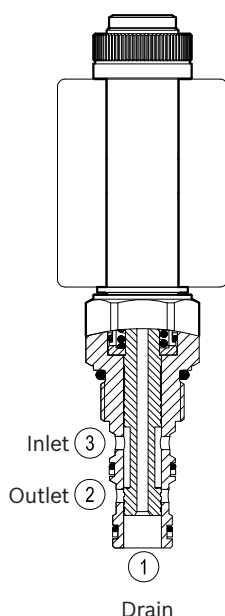


# Proportional valves not compensated flow regulator

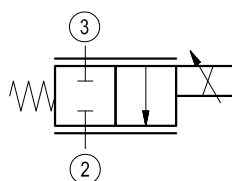
Common cavity, Size 10

VEP-5A-2Q-09

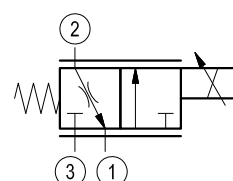
OD.92 - X - 77 - Y - Z



Version 03



Version 05



Version 03: port 1 not used.

## 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

MTTFD 150 years see RE 18350-51

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

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

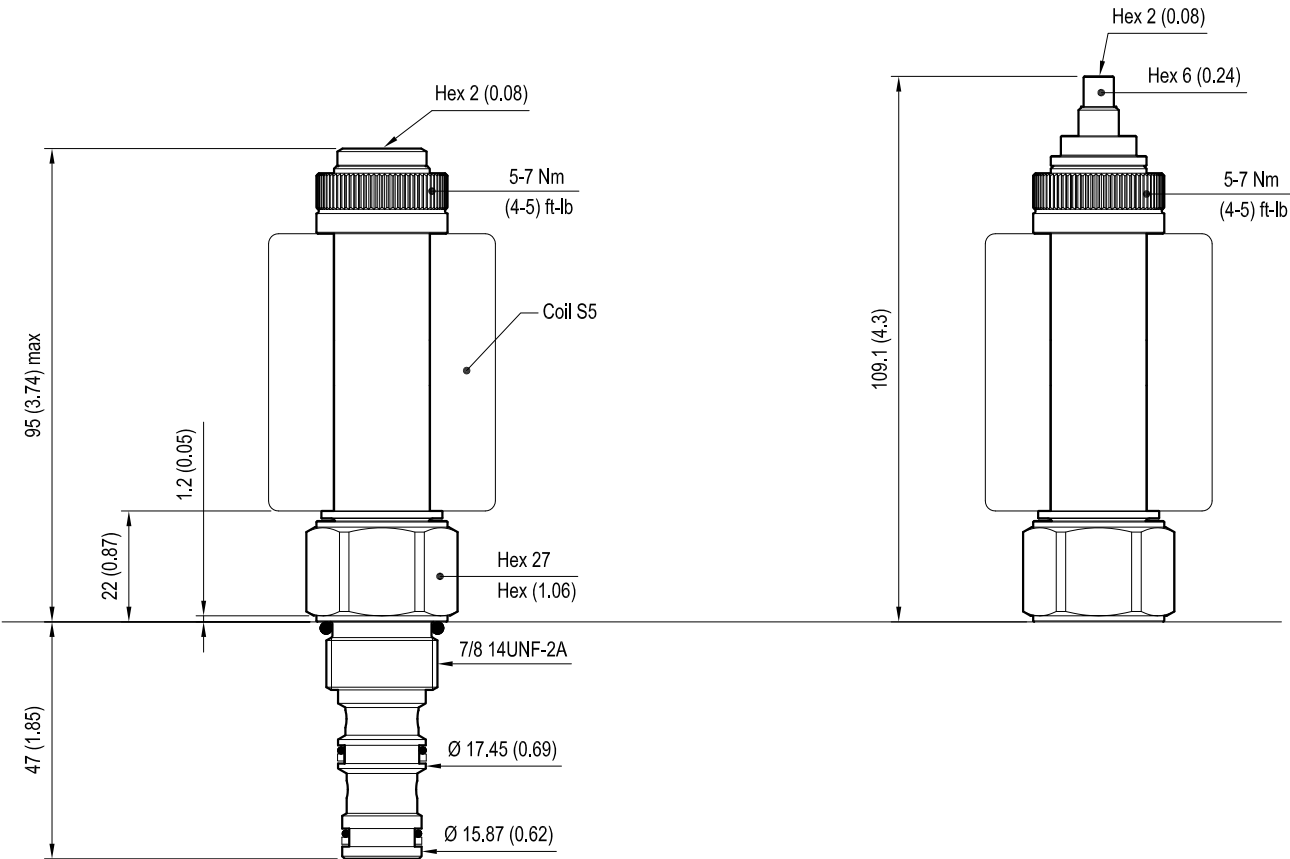
## Electrical

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

Note: Coils must be ordered separately.

Dimensions

Proportional valves not compensated flow regulator

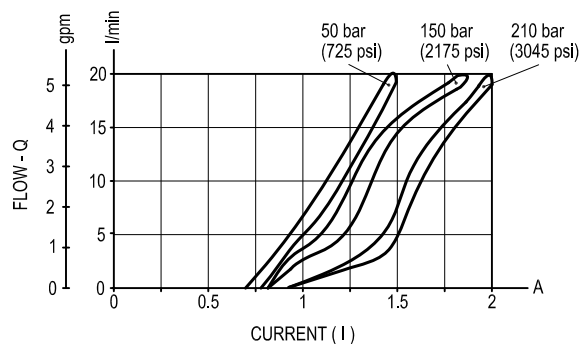
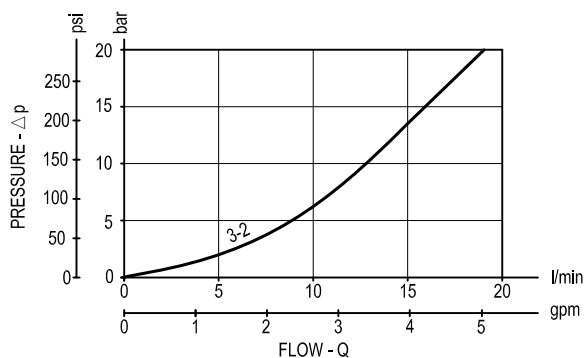


Version 03  
PORT NOT USED

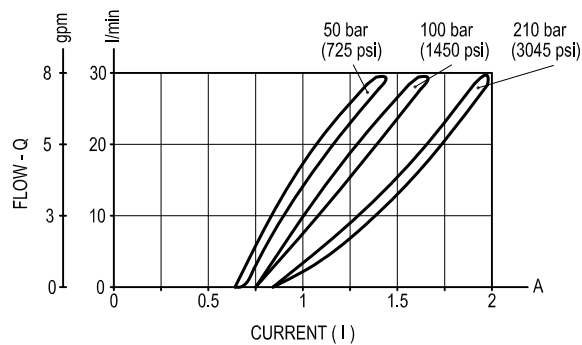
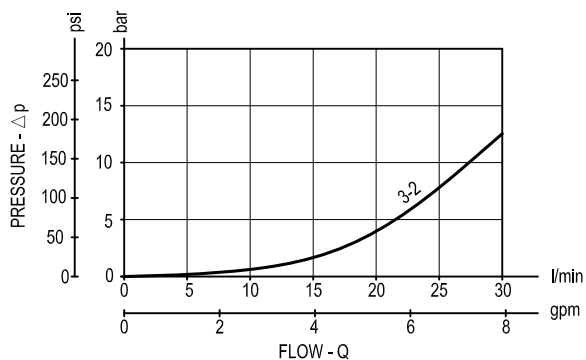
[ mm (Inches) ]

## Performance graphs

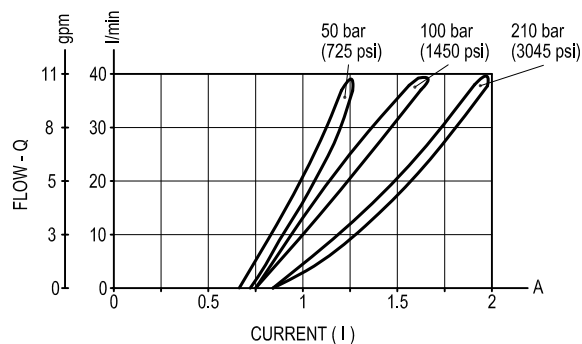
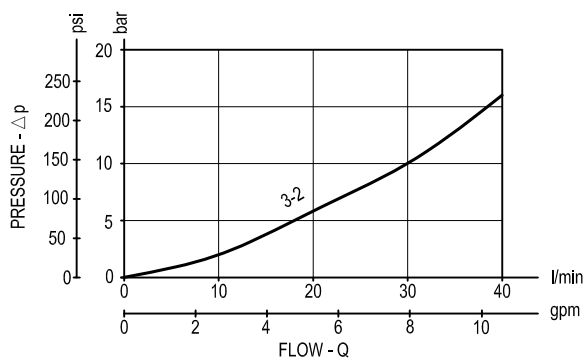
Z= 01



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.

