

RE 18323-61/03.20 1/4 Replaces: RE 18323-61/01.16

1. Dalla

Proportional valves pilot operated pressure reducing

Common cavity, Size 10

VEP-5A-2R-06-P



General ⁽¹⁾		
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

DIN LN 100 3221.2011 01		
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 ³ /min.	(cu.in./min.)	50 (3)
Fluid temperature range	°C (°F)	-20 to 80 (-4 to 176)
Fluids		Mineral-based or syn with lubricating prop viscosities of 15 to 380 m
Installation torque	Nm (ft-lbs)	44-56 (33-41)
Recommended degree contamination	of fluid	Nominal value max. 10µ ISO 4406 19/17/14
Cavity		CA-10A-3N see RE 18

Other technical data

Fluids		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-3N see RE 18325-70	
Lines bodies and standard assemblies		Please refer to section "Hydaulic integrated circuit" or consult factory	
Seal kit r		RG10A3010520100 R901111369	
Seal kit coil r		RG19A1PNBR7010 R934003964	

synthetics

See data sheet RE 18350-50

Version 06



Electrical

Licetheal		
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.

OD.91.06.77 - Y - 00

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



Туре	Material number	Туре	Material number
OD910677030000	R901118933		
OD910677040000	R901126868		

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Subject to change.