Rexroth Bosch Group

1/4

RE 18323-61/08.10

Replaces: RE 00162-02/01.06

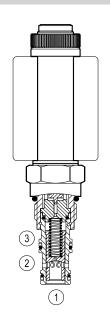
Proportional valves pilot operated pressure reducing

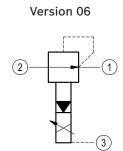
Common cavity, Size 10

VEP-5A-2R-06-P

OD.91.06.77 - Y - 00







General

0.0		
Weight	kg (lbs)	0.3 (0.66)
Installation orientation		Optional
Ambient temperature range	°C (°F)	-30 to 60 (-22 to 140)

Hydraulic

- · · · · · · · · · · · · · · · · · · ·			
Max. operating pressure	bar (psi)	250 (3600)	
Flow range I/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 synthetics with lubricating properties at viscosities of 15 to 380 mm ² /s (cSt)	
Installation torque	Nm (ft-lbs)	44-56 (33-41)	
Filtration		Nominal value max. 10µm (NAS 8) ISO 4406 19/17/14	
Cavity		CA-10A-3N see RE 18325-70	
Seal kit	code material no.	RG10A3010520100 R901111369	
Seal kit coil		RG19A1PNBR7010 R934003964	
Other technical data		See data sheet RE 18325-90	

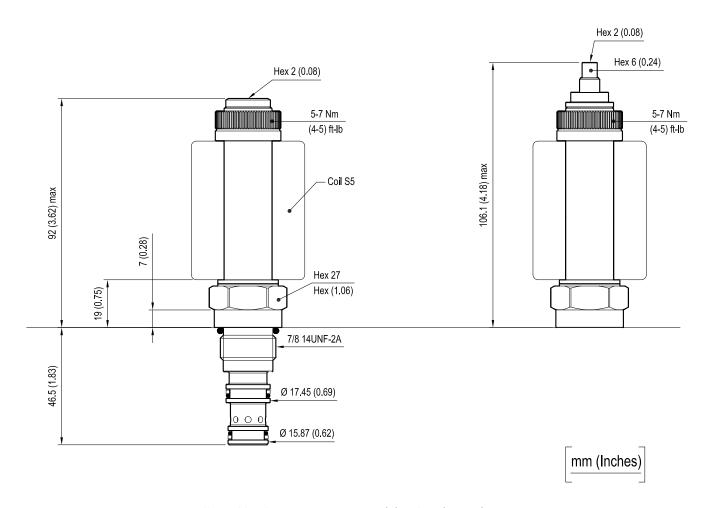
Electrical

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 Collegewet by and and appropriately				

Note: Coils must be ordered separately.

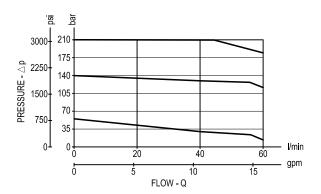
Dimensions

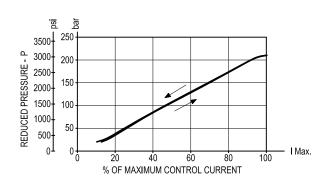
Proportional valves pilot operated pressure reducing



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

Performance graphs

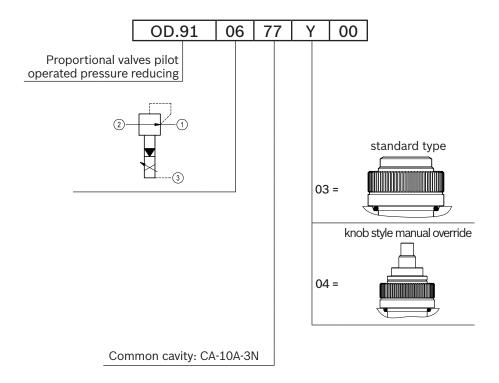




	I	P bar (psi)	Coils	
I min:	0.1 A	15 (218)	12 DC	
I max:	1.3 A	210 (3045)	12 DC	
PMW Frequency: 120-150 Hz				
Hysteresis: < 5%				

Note (1): It is recommended to use coil 12 DC. Note (2): It is recommended to bleed air carefully before operation.

Ordering code



Туре	Material number	Туре	Material number
OD910677030000	R901118933		
OD910677040000	R901126868		

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Subject to change.