# Rexroth Bosch Group

1/4

RE 18323-63/08.10

Replaces: RE 00162-02/01.06

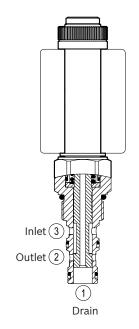
# Proportional valves not compensated flow regulator

Common cavity, Size 10

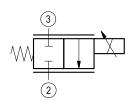
VEP-5A-2Q-09

OD.92 - X - 77 - Y - Z

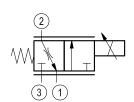








Version 05



Version 03: port 1 not used.

#### General

0.0		
Weight	kg (lbs)	0.32 (0.71)
Installation orientation		Optional
Ambient temperature range	°C (°F)	-30 to 60 (-22 to 140)

### Hydraulic

riyaraanc		
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)
Filtration		Nominal value max. 10µm (NAS 8) ISO 4406 19/17/14
Cavity		CA-10A-3N see RE 18325-70
Seal kit		RG10A3010520100 R901111369
Seal kit coil		RG19A1PNBR7010 R934003964
Other technical data		See data sheet RE 18325-90
(*) Measure at 210 bar (3000 psi). Oil at 46 cSt.		

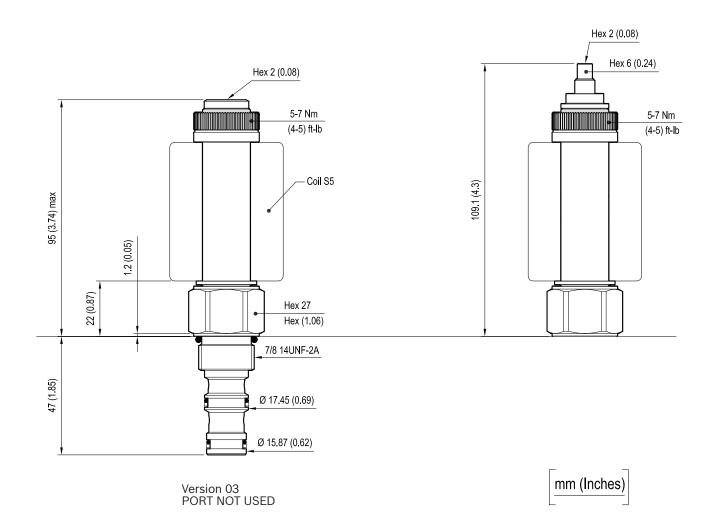
#### Electrical

Liccuitcai	
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 sepately.

## **Dimensions**

## Proportional valves not compensated flow regulator



50 bar (725 psi) 150 bar (2175 psi)

gpm //min

20

5

0 1

5

4

3

2

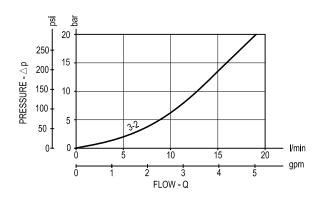
0 1

FLOW-Q

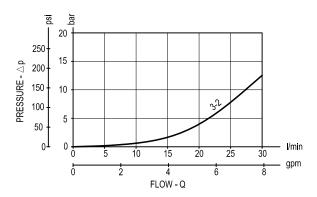
210 bar (3045 psi)

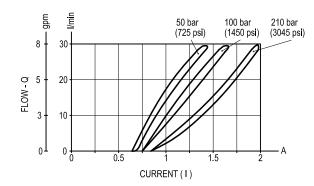
# Performance graphs

Z= 01



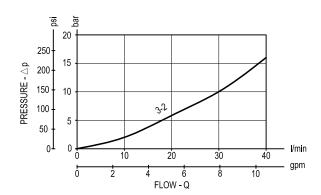


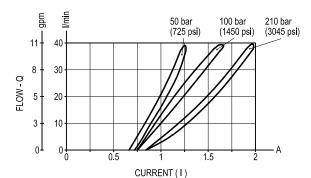




CURRENT (I)

Z= 03



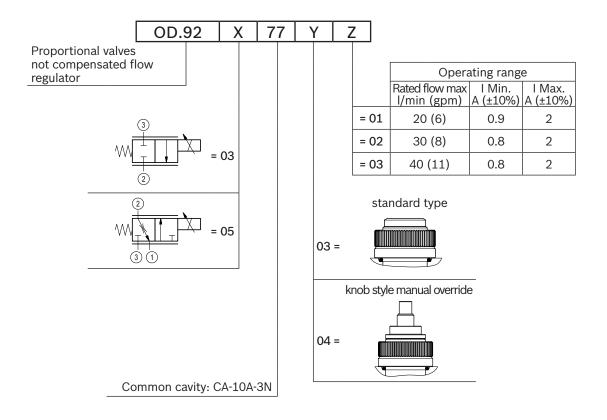


PMW Frequency: 120-150 Hz

Hysteresis: < 5%

Note: It is recommended to use coil 12 DC.

## Ordering code



Туре	Material number
OD920377030100	R934001518
OD920377030200	R934001519
OD920377030300	R934001520
OD920377040100	R934001521
OD920377040200	R934003909
OD920377040300	R934001522
OD920577030100	R934001524
OD920577030200	R934003130
OD920577030300	R934001525
OD920577040100	R934001526

Туре	Material number
OD920577040200	R901176252
OD920577040300	R93401528

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