

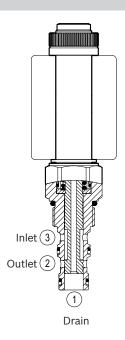
1/4 RE 18323-63/09.18 Replaces: RE 18323-63/01.16

1-1-M

Proportional valves not compensated flow regulator

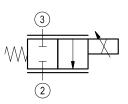
Common cavity, Size 10

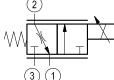
VEP-5A-2Q-09



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

riyuraunc			
Max. operating pr	essure	bar (psi)	210 (3000)
Flow range		l/min.(gpm)	see flow diagram
Max. internal leakage (*) cm	n ³ /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 ² /s (cSt)
Installation torq			44-56 (33-41)
Recommended degree of fluid contamination		of fluid	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		lard	Please refer to section "Hydaulic integrated circuit" or consult factory
Seal kit			RG10A3010520100 R901111369
Seal kit coil		code material no.	RG19A1PNBR7010 R934003964
Other technical	data		See data sheet RE 18350-50
(+)	101	(0000 !)	

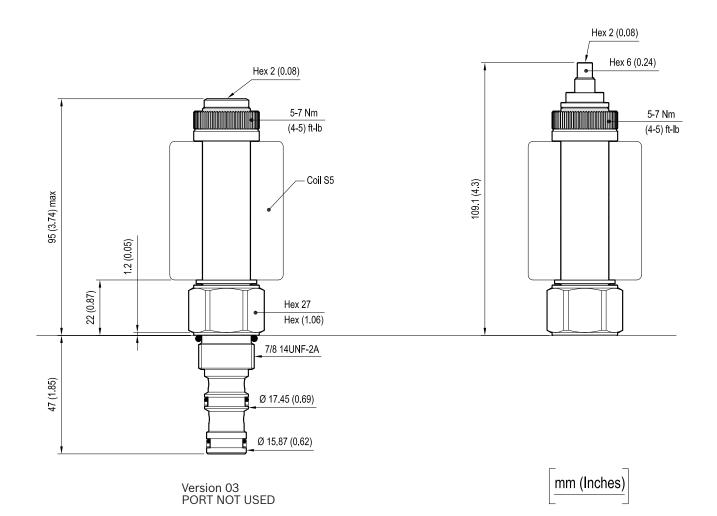
(*) Measure at 210 bar (3000 psi). Oil at 46 cSt.

Electrical

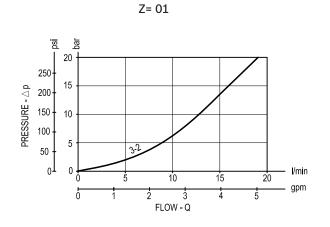
Type of voltage	DC voltage	
Coil type	S5	
Supply voltage	12 DC	
Nominal voltage	± 10%	
Power consumption W	23	
Duty cycle %	100	
Type of protection	See data sheet RE 18325-90	
Note: Coils must be ordered sepately.		

Dimensions

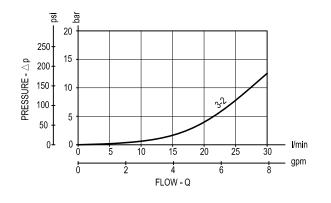
Proportional valves not compensated flow regulator



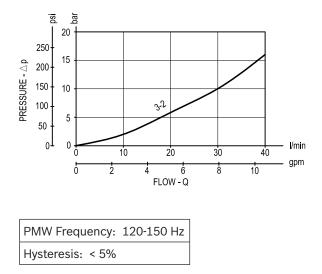
Performance graphs



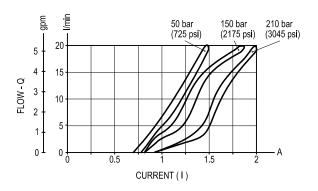


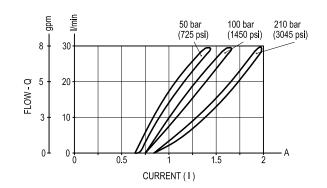


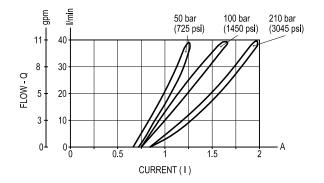




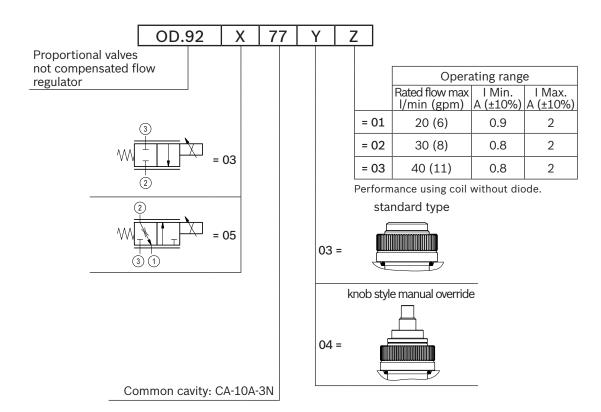
Note (1): It is recommended to use coil 12 DC. Note (2): Performance using coil without diode.







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	R934001528

Bosch Rexroth Oil Control S.p.A. Via Leonardo da Vinci 5 P.O. Box no. 5 41015 Nonantola – Modena, Italy Tel. +39 059 887 611 Fax +39 059 547 848 compact-hydraulics-cv@boschrexroth.com www.boschrexroth.com/compacthydraulics © This document, as well as the data, specifications and other information set forth in it, are the exclusive property of Bosch Rexroth Oil Control S.p.a.. It may not be reproduced or given to third parties without its consent.

The data specified above only serve to describe the product. No statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgment and verification. It must be remembered that our products are subject to a natural process of wear and aging.

Subject to change.