## Rexroth Bosch Group

RE 18323-02/02.11

Replaces: RE 18323-02/08.10

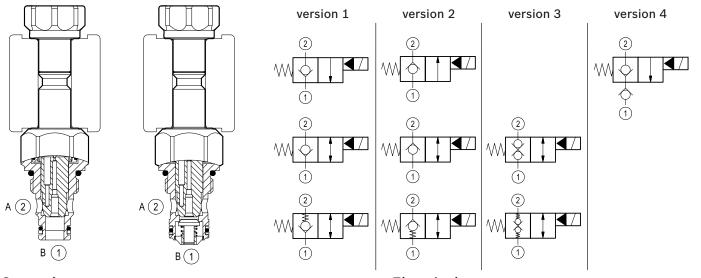
# Solenoid operated valves pilot operated poppet type 2-way normally closed

Common cavity, Size 08

VEI-8A-06-NC

OD.15 - X - Y - Z - S





General
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Weight	kg (lbs)	0.16 (0.35)
Installation orientation		Optional
Ambient temperature range	°C (°F)	-30 to 60 (-22 to 140)

#### Hydraulic

riyaradiic		
Max. operating pressure	bar (psi)	350 (5000)
Max. proof pressure	bar (psi)	420 (6000)
Flow range	l/min. (gpm)	0.5-40 (0.1-11)
Fatigue cycle life	cycles	1 million cycles at 350 bar
Max. internal leakage	drops/min.	20
Fluid temperature range	°C (°F)	-20 to 80 (-4 to 176)
Fluids		Mineral-based or synthetics with lubricating properties at viscosities of 20 to 380 mm <sup>2</sup> /s (cSt)
Installation torque	Nm (ft-lbs)	39-51 (29-38)
Filtration		Nominal value max. 10µm (NAS 8) ISO 4406 19/17/14
Cavity		CA-08A-2N (version 4: 019-E)
Line bodies		See data sheet RE 18325-85
Seal kit version 1		RG08A2010520100 R901101437
Seal kit version 2-3		RG08A2010530100 R901101544
Seal kit version 4		RG19E201053010 R934003561
Seal kit coil		RG12A1PNBR7010 R934003958
Other technical data		See data sheet RF 18350-50

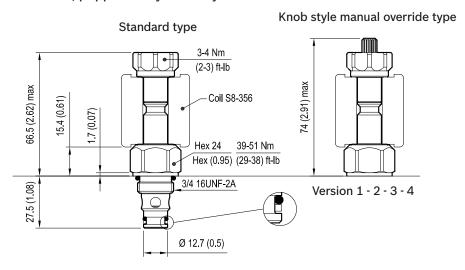
#### **Electrical**

	Type of voltage	DC voltage
	Coil type	S8-356 see RE 18325-90
	Supply voltage	See data sheet RE 18325-90
	Nominal voltage	± 10%
	Power consumption W	20
	Duty cycle coil %	See performance graphs
	Type of protection	See data sheet RE 18325-90

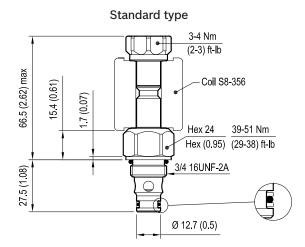
Note: Coils must be ordered separately.

#### **Dimensions**

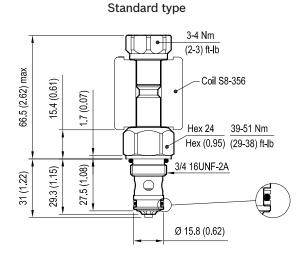
Version 1: Solenoid operated valve, poppet 2-way normally closed



Version 2: Solenoid operated valve, poppet 2-way normally closed Version 3: Solenoid operated valve, poppet 2-way double lock normally closed



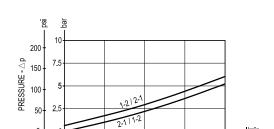
Version 4: Solenoid operated valve, poppet 2-way normally closed



mm (Inches)

### Performance graphs

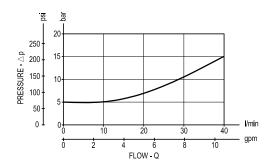
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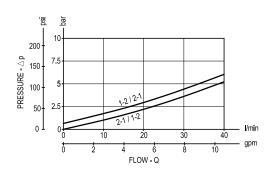


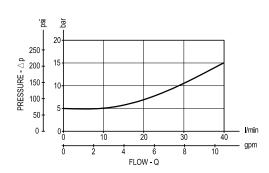
6 FLOW - Q 30

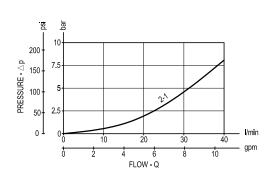
40

10



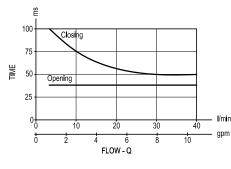




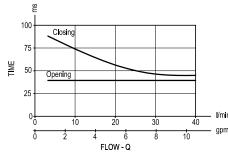


#### Version 1 - Version 2

Standard

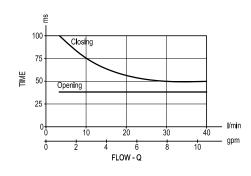


Extra spring

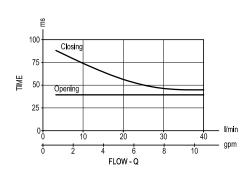


Version 3

Standard

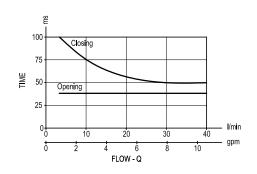


Extra spring

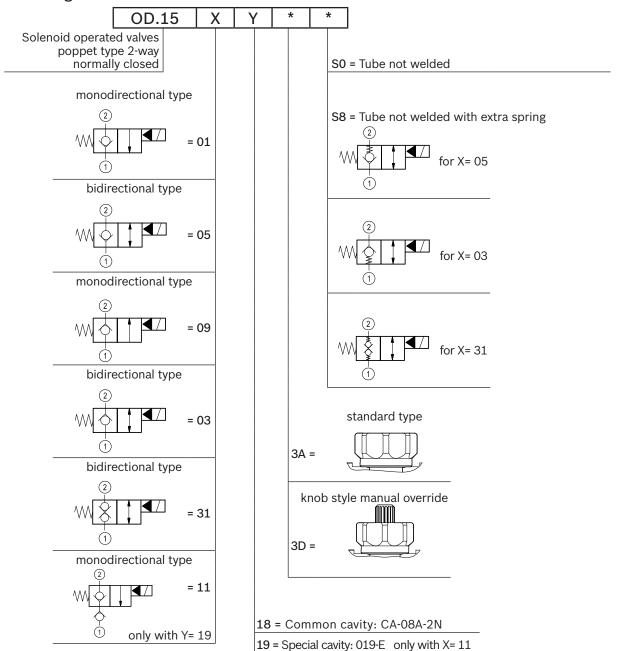


Version 4

Standard



#### Ordering code



Туре	Material number
OD1501183AS000	R901091096
OD1501183DS000	R901091101
OD1503183AS000	R934000779
OD1503183AS800	R934003063
OD1503183DS000	R901091112
OD1503183DS800	R934003064
OD1505183AS000	R901083058
OD1505183AS800	R934003080
OD1505183DS000	R901087979

Туре	Material number
OD1509183AS000	R901091150
OD1509183DS000	R901091151
OD1531183AS000	R901082015
OD1531183AS800	R934000104
OD1531183DS000	R901091164
OD1511193AS000	R901091157
OD1511193DS000	R901091158

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
cartridges@oilcontrol.com
www.boschrexroth.com

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Subject to change.