Rexroth Bosch Group

1/4

RE 18323-13/08.10

Replaces: RE 00162-02/01.06

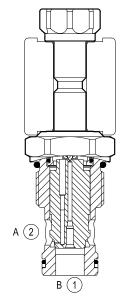
Solenoid operated valves pilot operated poppet type 2-way normally closed

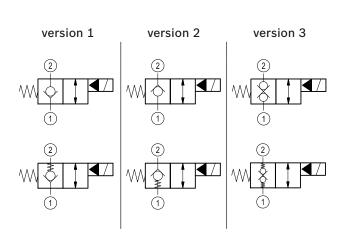
Common cavity, Size 12

VEI-8A-12A-NC

OD.15 X - 89 - Y - Z







General

Weight	kg (lbs)	0.22 (0.48)
Installation orientation		Optional
Ambient temperature range	°C (°F)	-30 to 60 (-22 to 140)

Hydraulic

- · · y · · · · · · · · · · · · · · · · · · ·		
Max. operating pressure	bar (psi)	350 (5000)
Flow range	l/min. (gpm)	5-150 (1-40)
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 ² /s (cSt)
Installation torque	Nm (ft-lbs)	54-66 (40-49)
Filtration		Nominal value max. 10µm (NAS 8) ISO 4406 19/17/14
Cavity		CA-12A-2N see RE 18325-75
Seal kit - version 1	code material no.	RG12A2010520100 R901111377
Seal kit - version 2-3		RG12A2010530100 R930003374
Seal kit coil		RG12A1PNBR7010 R934003958
Other technical data		See data sheet RE 18350-50

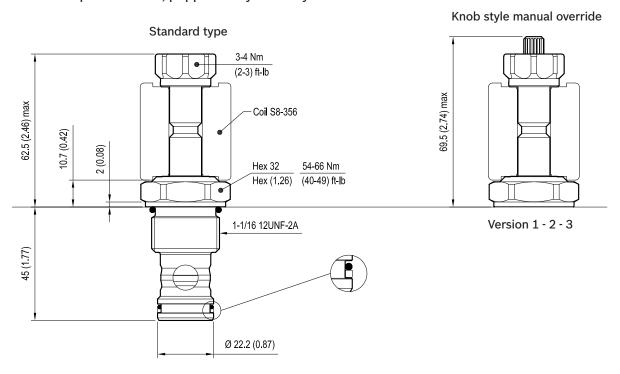
Electrical

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

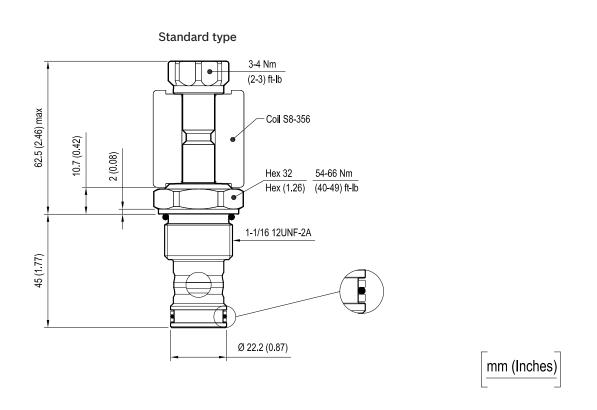
Note: Coils must be ordered separately.

Dimensions

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

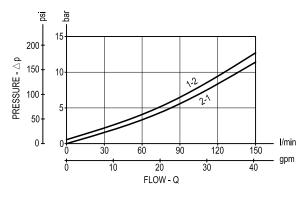


Version 2: Solenoid operated valve, poppet 2-way normally closed Version 3: Solenoid operated valve, poppet 2-way double lock normally closed

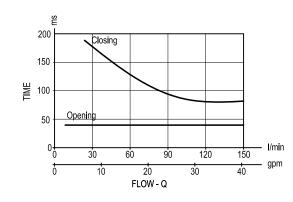


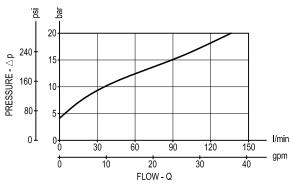
Performance graphs

Version 1 - Version 2

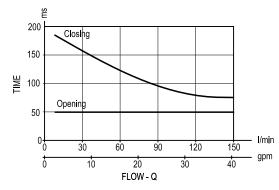




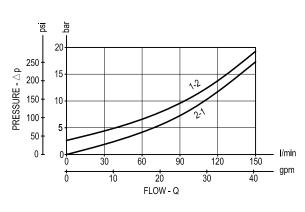




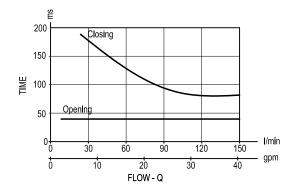
Extra spring

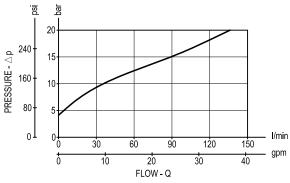


Version 3

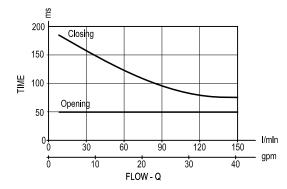




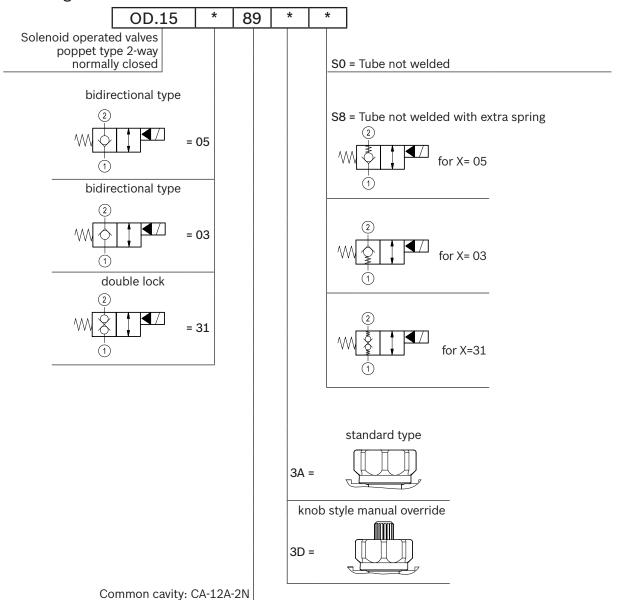




Extra spring



Ordering code



Туре	Material number
OD1503893AS000	R901091116
OD1503893AS800	R901109961
OD1503893DS000	R901091117
OD1503893DS800	R901109962
OD1505893AS000	R901091127
OD1505893AS800	R901091128
OD1505893DS000	R901091129
OD1505893DS800	R901109978
OD1531893AS000	R901091168

Туре	Material number
OD1531893AS800	R901091169
OD1531893DS000	R901091170
OD1531893DS800	R901109990

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Subject to change.