

1/4

RE 18324-56/04.17

Replaces: RE 18324-56/04.16

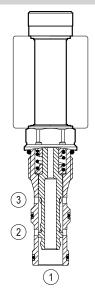
# Solenoid operated valves direct acting spool 3-way 2-position

Common cavity, Size 12

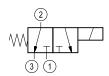
VEDS-12A-32

OD.13 - X - 12 - Y - 00









#### General

Weight	kg (lbs)	0.39 (0.86)
Installation orientation		Optional
Ambient temperature range	°C (°F)	-30 to 60 (-22 to 140)

Hydraulic				
Max. operating pressure bar (psi)		bar (psi)	315 (4500)	
Max. operating pressure port 1		bar (psi)	210 (3000)	
Max. flow		l/min.(gpm)	60 (16)	
Max. internal leakage (*)	cm <sup>3</sup> /min.	(cu.in/min.)	180 (11)	
Fluid temperatu	ire 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)		Nm (ft-lbs)	81-87 (60-64)	
Recommended degree of fluid contamination		of fluid	Nominal value max. 10µm (NAS 8) ISO 4406 19/17/14	
MTTFD			150 years see 18350-51	
Cavity			CA-12A-3N see RE 18325-70	
Lines bodies and standard assemblies		lard	Please refer to section "Hydaulic integrated circuit" or consult factory	
Seal kit			RG12A3010520100 R930000941	
Seal kit coil			RG19A1PNBR7010 R934003964	
Other technical data			See data sheet RF 18350-50	

Other technical data |See data sheet RE 18350-50 (\*) Measured at 210 bar (3000 psi) (oil at 46 cSt)

#### **Electrical**

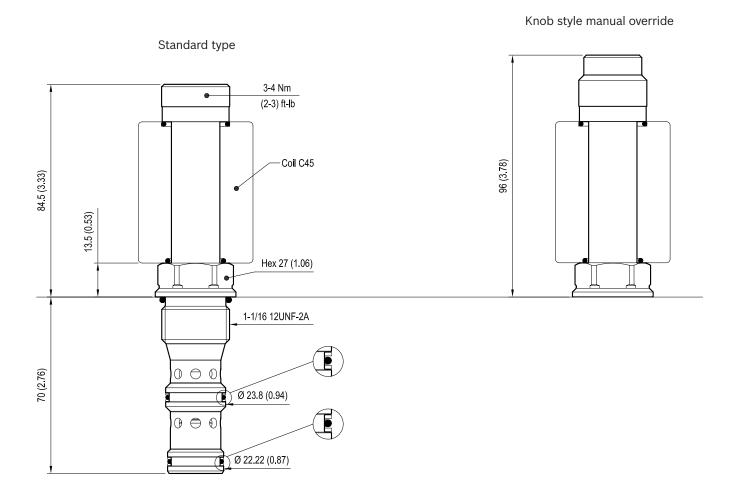
Type of voltage	DC voltage				
Coil type	C45				
Supply voltage	See data sheet RE 18325-90				
Power consumption W	33				
Duty cycle coil %	100 see RE 18325-90				
Type of protection	See data sheet RE 18325-90				
Nominal voltage coil 33W	-10%+10%				

Note: Coils must be ordered separately.

mm (Inches)

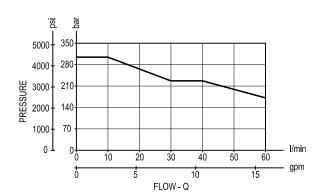
### **Dimensions**

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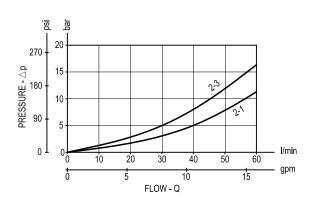


## Performance graphs

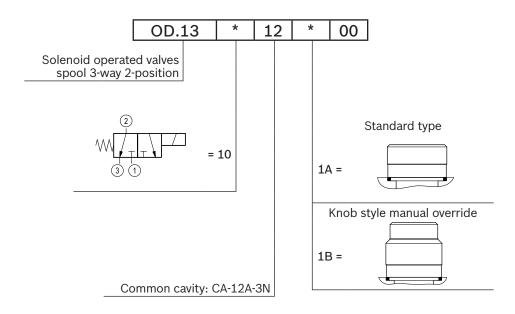
#### Performance limits



#### Characteristic curves



#### Ordering code



Туре	Material number	Туре	Material number
OD1310121A0000	R934003616		
OD1310121B0000	R934003620		

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Subject to change.