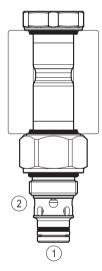


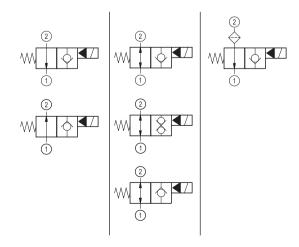
# Solenoid operated valves pilot operated poppet type 2-way normally open Common cavity, Size 08

# VEI-16-08A-NA



## PATENT PENDING





# RE 18323-26

OD.15 - X - 18 - Y - Z- 00

# Edition: 04.2018

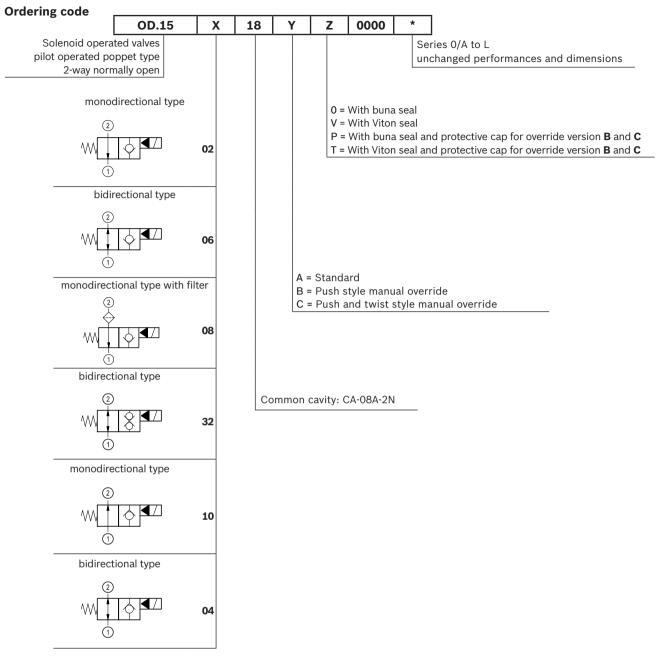
18 - Y - Z- 00 Replaces: 02.2018

## Technical data

New VEI-16 family incorporates a new solenoid concept providing excellent performance and enables cartridges to work in severe environment. Cartridges also incorporates advanced design of hydraulic parts providing excellent hydraulic performance.

## **Technical data**

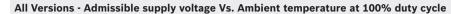
General			
Weight		0.15 kg (0.33 lbs)	
Installation orientation		Unrestricted	
Ambient temperature range		-30 to 90 °C (-22 to 194 °F)	
Hydraulic			
Max. operating pressure		350 bar (5000 psi)	
Flow range		0.5 - 40 l/min (0.1 - 11 gpm)	
Fatigue cycle life		2 million cycles at 350 bar	
		150000 cycles at 420 bar	
		5 drops/min. for X= 02,06,08	
		20 drops/min. for X= 32,10,04	
Switching time		Closing ≤ 100 ms	
	Opening $\leq 30 \text{ ms}$		
Fluid temperature range	-20 to 80 °C (-4 to 176 °F)		
Fluids: Mineral-based or s	synthetics wit	th lubricating properties at	
viscosities of 20 to 380 m	nm²/s (cSt)		
Installation torque		39 - 51 Nm (29 - 38 ft-lbs)	
Recommended degree of		Nominal value max. 10 µm	
fluid contamination		(NAS 8) ISO 4406 19/17/14	
MTTFd		150 years see RE 18350-51	
Cavity		CA-08A-2N see 18325-70	
Seal kit for X=02,06,08	code	RG08A2010520100	
	material no.	R901101437	
Seal kit for X=32,10,04	code	RG08A2010530100	
		R901101544	
Seal kit coil and standard	code	RG02Z0010000100	
сар	material no.	R930067869	
Seal kit coil and protective	code	RG03Z0010000100	
cap only for Y=B	material no.	R930067870	
Seal kit coil and protective	code	RG04Z0010000100	
cap only for Y=C	material no.	R930069171	
Other technical data		See data sheet 18350-50	
Electrical			
Type of voltage		DC voltage	
Coil type		D36	
Supply voltage		See data sheet 18325-90	
Voltage tolerance against ambient temperature		See characteristic curve	
Power consumption		20 W	
Type of protection		See data sheet 18325-90	
Note: Coils must be orde	red separatel	у	

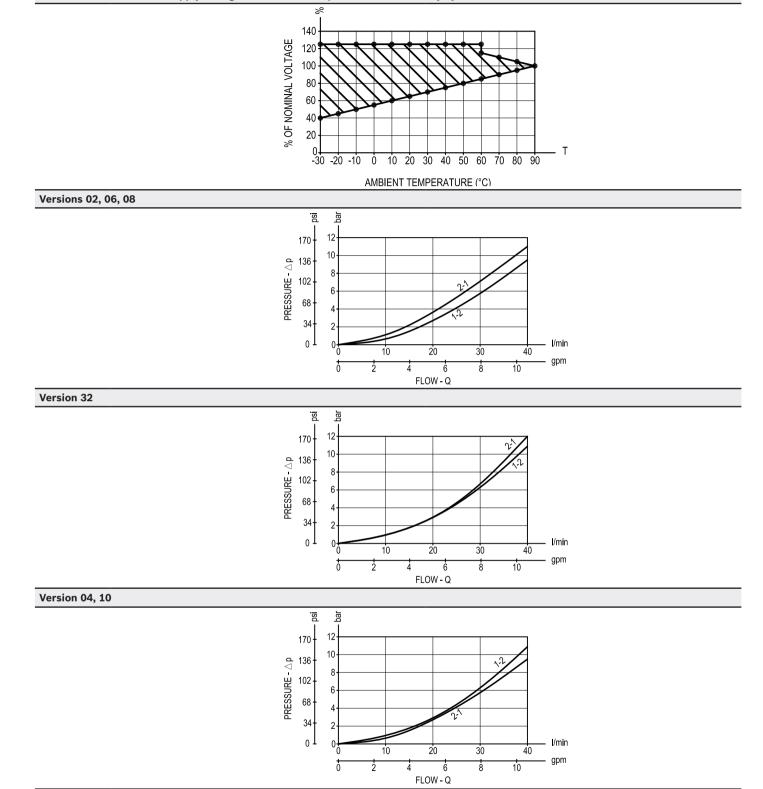


#### **Preferred types**

Туре	Material number	Туре	Material number
OD150218A000000	R930059442	OD153218A000000	R930064101
OD150218B000000	R930060895	OD153218B000000	R930063422
OD150218BP00000	R930060113	OD153218C000000	R930065002
OD150218C000000	R930060584	OD150418A000000	R930065329
OD150218CP00000	R930060090	OD150418B000000	R930066184
OD150618A000000	R930058435	OD150418C000000	R930066185
OD150618B000000	R930058438	OD150618CP00000	R930060905
OD150618C000000	R930060128	OD153218CP00000	R930065328
OD150818A000000	R930058337	OD151018B000000	R930066186
OD150818B000000	R930058340	OD151018C000000	R930066187
OD150818C000000	R930060583	OD150618AV00000	R930060900

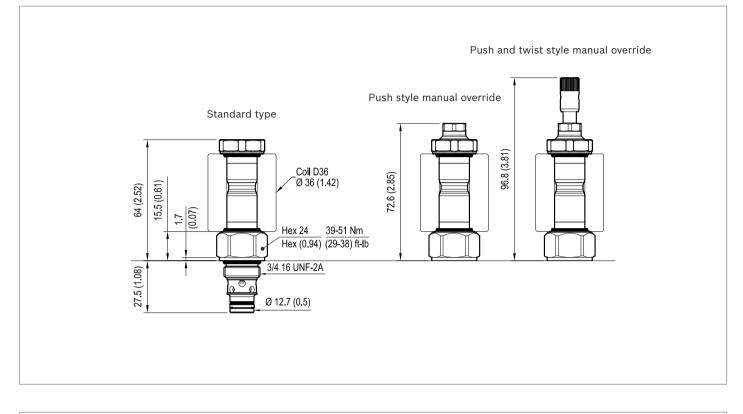
#### **Characteristic curves**

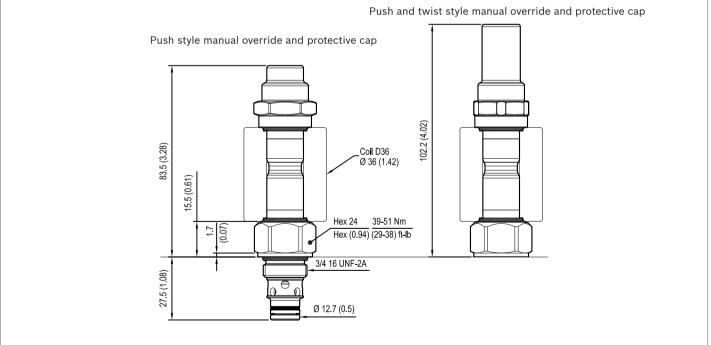




#### Dimensions

Solenoid operated valves, poppet 2-way normally open





#### Bosch Rexroth Oil Control S.p.A.

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