

# Sandwich valve module with solenoid valve and flow restrictor

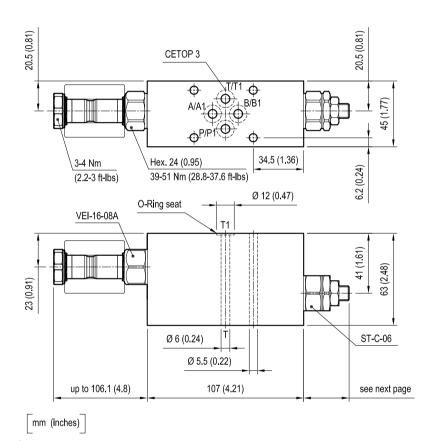
RE 18332-89

Edition: 06.2018 Replaces: 12.2016

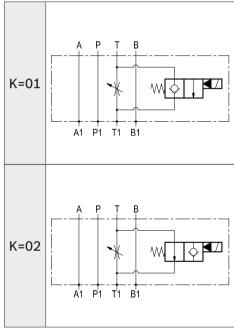
EM-VEI-16-08A-ST-CETOP 3-T

OP.60 - K - X - 29 - Y - Z

# **Dimensions**



# Configurations available (K)



#### **Technical data**

Max. flow:	up to 40 l/min (11 gpm)
Max. operating pressure:	210 bar (3000 psi)

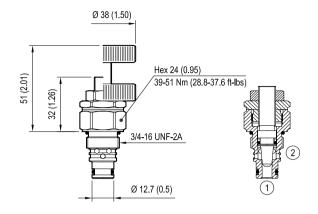
Standard manifold in high strength aluminium.

For working pressure up to 350 bar (5000 psi) and for fatigue applications with any working pressure, steel manifolds are available upon request.

Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 20 to 380 mm<sup>2</sup>/s (cSt)

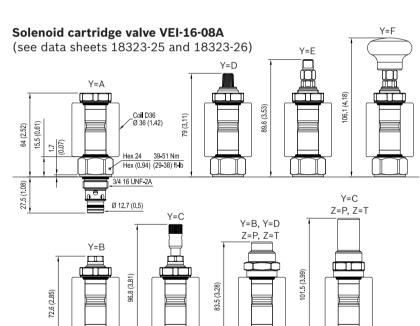
Other technical data See data sheet 18350-50

# Flow restrictor ST-C-06 (see data sheet 18321-26)



Cavity: CA-08A-2N

Х	ST-C-06 ADJUSTMENTS		
03	Leakproof hex. socket screw		
04	Handknob and locknut		



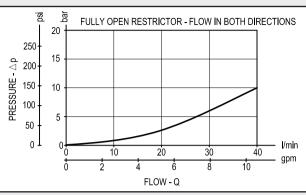
		Manual override options (Y)							
		Α	В	С	D	E	F		
Seal and prot. cap. (Z)	0	K=01 K=02	K=02	K=02	K=01	K=01	K=01		
	v	K=01 K=02	K=02	K=02	K=01	K=01	K=01		
	Р	/	K=02	K=02	K=01	/	/		
	т	/	K=02	K=02	K=01	/	/		

# **Technical data**

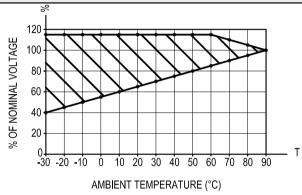
General					
Installation orientation	Unrestricted				
Ambient temperature range	-30 to 90 °C (-22 to 194 °F)				
Hydraulic					
Max. operating pressure	350 bar (5000 psi)				
Flow range	0.5 - 40 l/min (0.1 - 11 gpm)				
Max. internal leakage	5 drops/min.				
Switching time	Opening ≤ 50 ms				
	Closing ≤ 100 ms				
Fluid temperature range	-20 to 80 °C (-4 to 176 °F)				
Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 20 to 380 mm <sup>2</sup> /s (cSt)					
Installation torque	39 - 51 Nm (29 - 38 ft-lbs)				
Recommended degree of fluid contamination	Nominal value max. 10 μm (NAS 8) ISO 4406 19/17/14				
MTTFd	150 years (see 18350-51)				
Cavity	CA-08A-2N (see 18325-70)				
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 ordered separately					

#### Characteristic curves

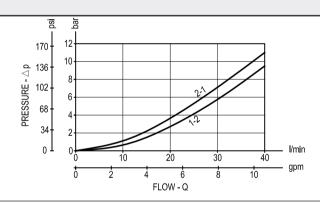
#### ST-C-06



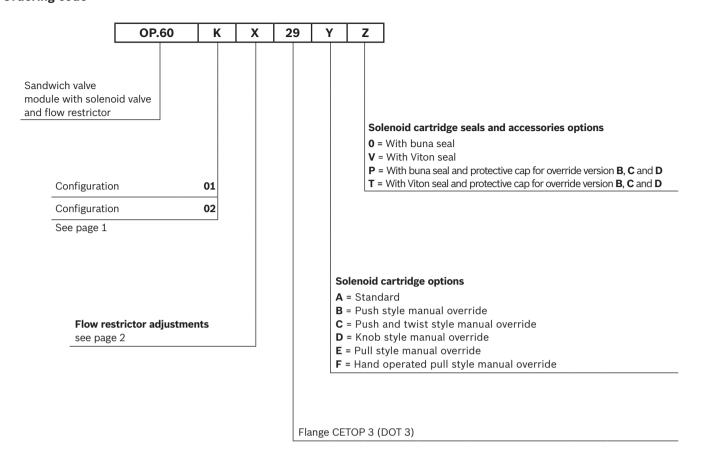
# VEI-16-08A all Versions - Admissible supply voltage Vs. Ambient temperature at 100% duty cycle



#### VEI-16-08A all Versions



### **Ordering code**



**Note:** for solutions availability (K-Y-Z combinations), please refer to TAB.1 on page 2.

# Bosch Rexroth Oil Control S.p.A.

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