

Solenoid operated valves 2-way 2-positions

Common cavity size 08

Cartridge style in emergency manifold

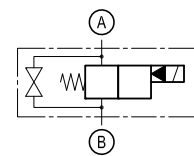
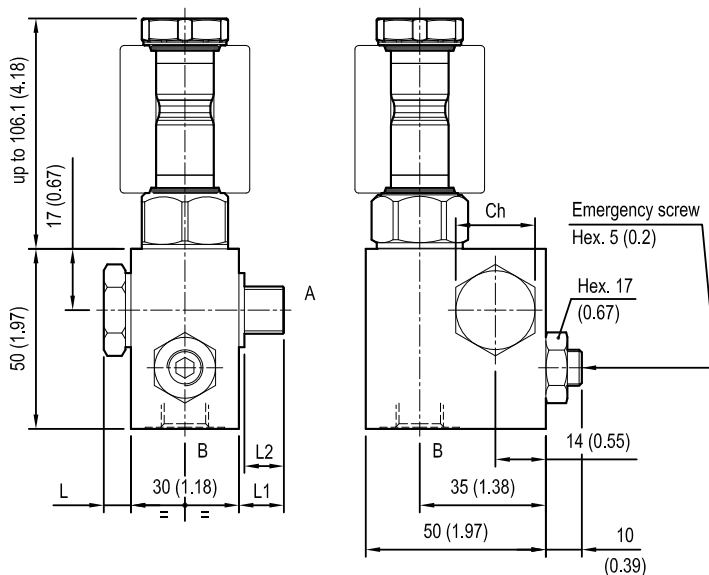
VEI-CN-16-08A

OE.17 - K - 18 - X - Y - Z - W

RE 18332-08

Edition: 02.2019

Replaces: 12.2016



Cartridge schemes (K)

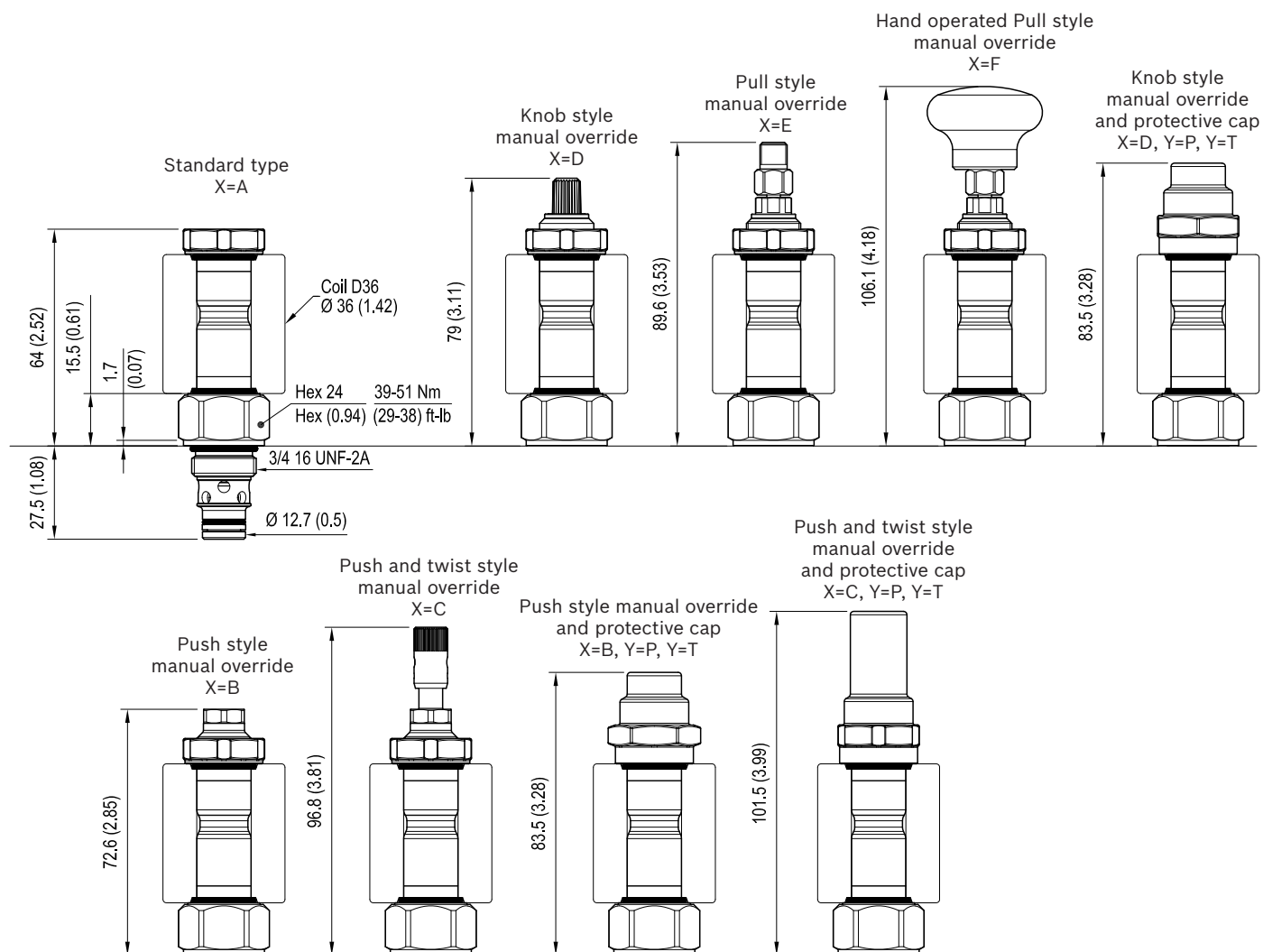
monodirectional type	bidirectional type
	05
	06
	31
	32

[mm (inches)]

7.5 (0.3)	14 (0.55)	10.9 (0.43)	22 (0.87)			G 1/4	30 (22)
8.5 (0.34)	15 (0.59)	11.9 (0.47)	22 (0.87)			G 3/8	60 (44)
L	L1	L2	Ch			Ports Size	Tightening Torque Nm (ft-lb)

Technical data

Max. flow	40 l/min (11 gpm)
Max. operating pressure for steel body	350 bar (5000 psi)
Max operating pressure for aluminium body	210 bar (3000 psi)
Ambient temperature range	-30 to 90 °C (-22 to 194 °F)
Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 20 to 380 mm ² /s (cSt)	
MTTFd	150 years see RE 18350-51
To order manifold only, see data sheet RE 18325-85	
Other technical data	See data sheet 18350-50



Cartridge technical data

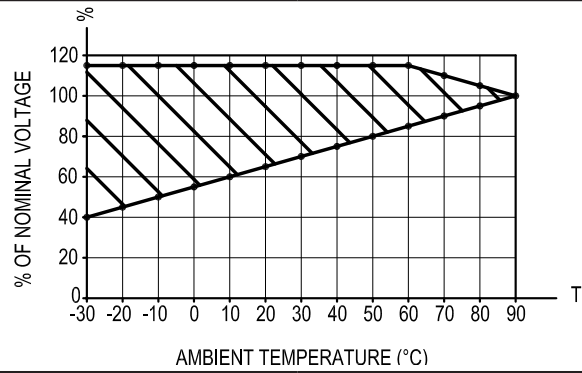
General	
Installation orientation	Unrestricted
Ambient temperature range	-30 to 90 °C (-22 to 194 °F)
Hydraulic	
Max. operating pressure	350 bar (5000 psi)
Flow range	0.5 - 40 l/min (0.1 - 11 gpm)
Max. internal leakage	5 drops/min.
Switching time	Opening ≤ 50 ms Closing ≤ 100 ms
Fluid temperature range	-20 to 80 °C (-4 to 176 °F)
Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 20 to 380 mm²/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 RE 18350-51
Cavity	CA-08A-2N see data sheet 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	

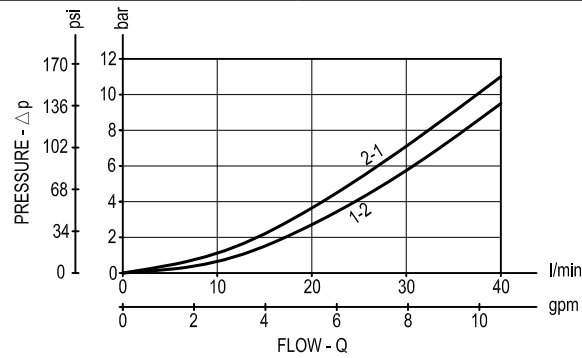
TAB. 1		Manual override options (X)					
Seal and prot. cap. (Y)		A	B	C	D	E	F
	O	K=all versions	K=06 K=32	K=06 K=32	K=05 K=31	K=05 K=31	K=05 K=31
	V	K=all versions	K=06 K=32	K=06 K=32	K=05 K=31	K=05 K=31	K=05 K=31
	P	/	K=06 K=32	K=06 K=32	K=05 K=31	/	/
	T	/	K=06 K=32	K=06 K=32	K=05 K=31	/	/

Characteristic curves

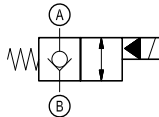
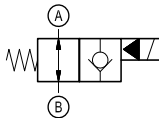
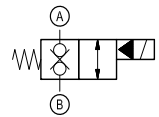
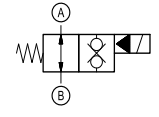
All Versions - Admissible supply voltage Vs. Ambient temperature at 100% duty cycle



All Versions



Ordering code

OE.17	K	18	X	Y	Z	W								
Solenoid operated valves 2-way 2-positions Common cavity size 08 in emergency manifold														
	05													
	06													
	31													
	32													
						<div>Manifold material</div> <table><tr><td>00</td><td>Aluminium</td></tr><tr><td>S0</td><td>Steel</td></tr></table> <div>Manifold port sizes</div> <table><tr><td>09</td><td>G 1/4</td></tr><tr><td>02</td><td>G 3/8</td></tr></table> <div>Cartridge seals and accessories options</div> <p>O = With buna seal V = With Viton seal P = With buna seal and protective cap for override version B, C and D T = With Viton seal and protective cap for override version B, C and D</p> <div>Cartridge options</div> <p>A = Standard B = Push style manual override C = Push and twist style manual override D = Knob style manual override E = Pull style manual override F = Hand operated pull style manual override</p>	00	Aluminium	S0	Steel	09	G 1/4	02	G 3/8
00	Aluminium													
S0	Steel													
09	G 1/4													
02	G 3/8													
Common cavity size 08														

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

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