

Solenoid operated valves 2-way 2-positions
Common cavity size 08
Cartridge style in manifold

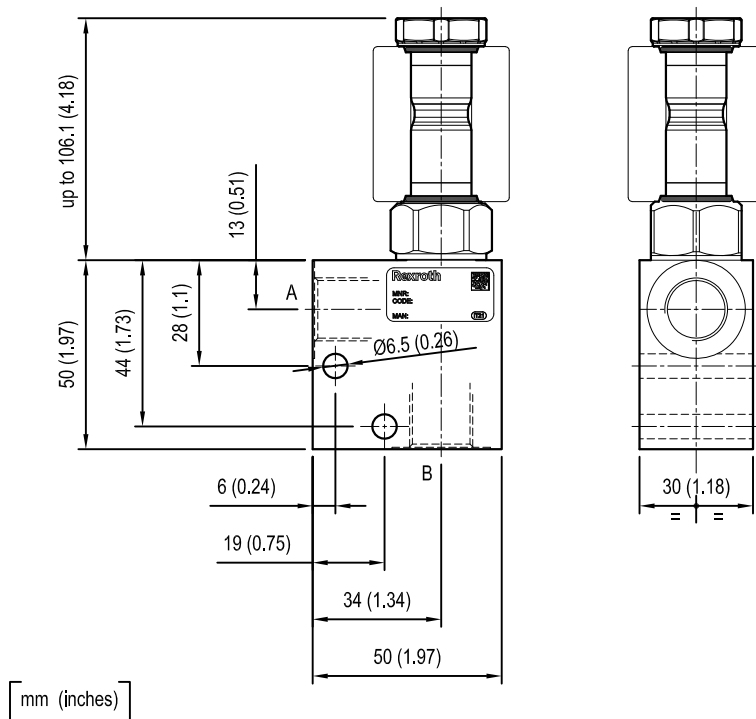
VEI-CS-16-08A

OS.15 - K - 18 - X - Y - Z - W

RE 18331-65

Edition: 04.2023

Replaces: 02.2019

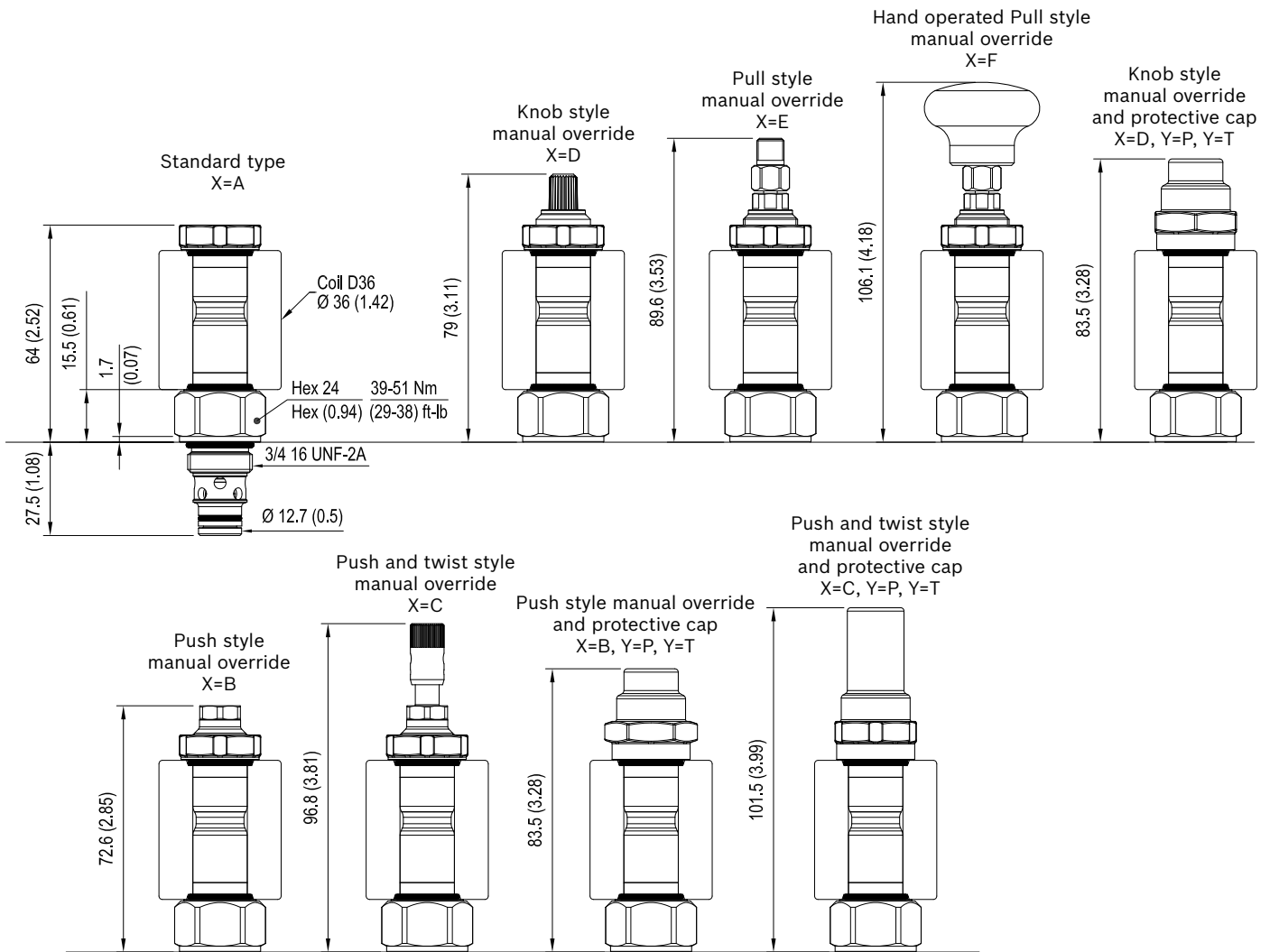


Cartridge schemes (K)

monodirectional type	bidirectional type
01	05
02	06
07	31
08	32

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

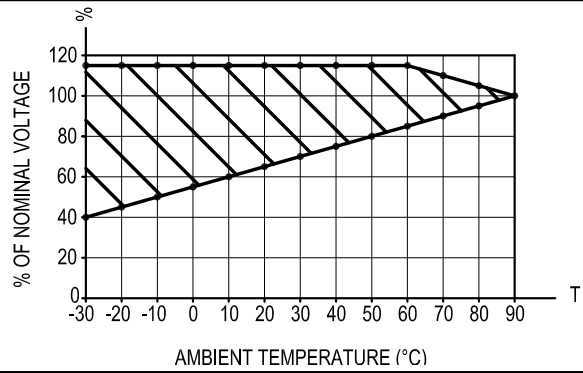
General	
Installation orientation	Unrestricted
Ambient temperature range	-30 to 90 °C (-22 to 194 °F)
Hydraulic	
Max. operating pressure	350 bar (5000 psi)
Flow range	0.5 - 40 l/min (0.1 - 11 gpm)
Max. internal leakage	5 drops/min.
Switching time	Opening ≤ 50 ms
	Closing ≤ 100 ms
Fluid temperature range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

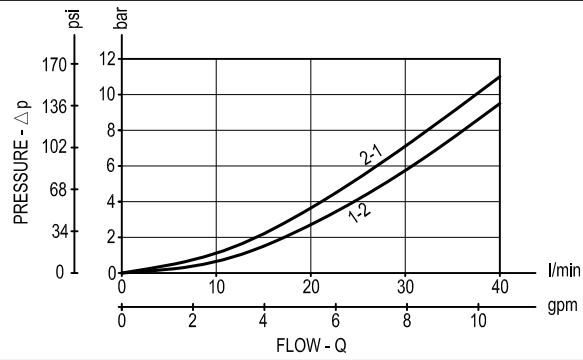
TAB. 1		Manual override options (X)					
Seal and prot. cap. (Y)		A	B	C	D	E	F
	O	K=all versions	K=02; K=06 K=08; K=32	K=02; K=06 K=08; K=32	K=01; K=05 K=07; K=31	K=01; K=05 K=07; K=31	K=01; K=05 K=07; K=31
	V	K=all versions	K=02; K=06 K=08; K=32	K=02; K=06 K=08; K=32	K=01; K=05 K=07; K=31	K=01; K=05 K=07; K=31	K=01; K=05 K=07; K=31
	P	/	K=02; K=06 K=08; K=32	K=02; K=06 K=08; K=32	K=01; K=05 K=07; K=31	/	/
T	/	K=02; K=06 K=08; K=32	K=02; K=06 K=08; K=32	K=01; K=05 K=07; K=31	/	/	

Characteristic curves

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



All Versions



Ordering code

OS.15	K	18	X	Y	Z	W
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Solenoid operated valves
2-way 2-positions
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Cartridge style in manifold

	01
	02
	05
	06
	07
	08
	31
	32

Manifold material

00	Aluminium
S0	Steel

Manifold port sizes

09	G 1/4
02	G 3/8
11	M 14x1.5

Cartridge seals and accessories options

- 0** = 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**

Cartridge options

- 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

Common cavity size 08

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

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