

Solenoid operated valves 2-way 2-positions

Common cavity size 10

Cartridge style in manifold

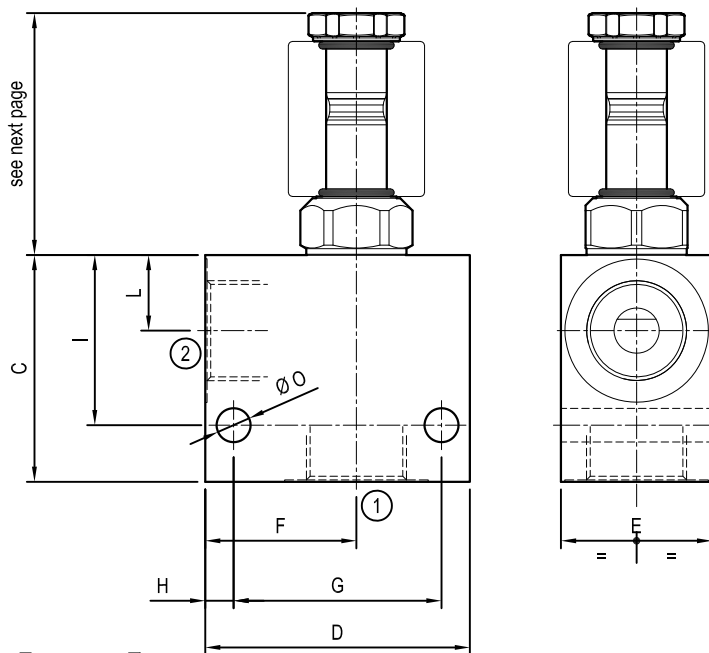
VEI-CS-16-10A

OS.15 - K - 36 - X - Y - Z - W

RE 18331-62

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Replaces: 12.2017

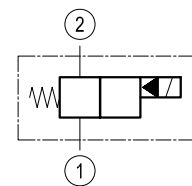


[mm (inches)]

A - B	C	D	E	F	G	H	I	L		O	
G 1/2	60 (2.36)	60 (2.36)	35 (1.38)	35 (1.38)	45 (1.77)	7.5 (0.3)	45 (1.77)	19 (0.75)		7.5 (0.3)	
G 3/4	60 (2.36)	70 (2.76)	40 (1.58)	40 (1.58)	55 (2.17)	7.5 (0.3)	45 (1.77)	20 (0.79)		9 (0.35)	

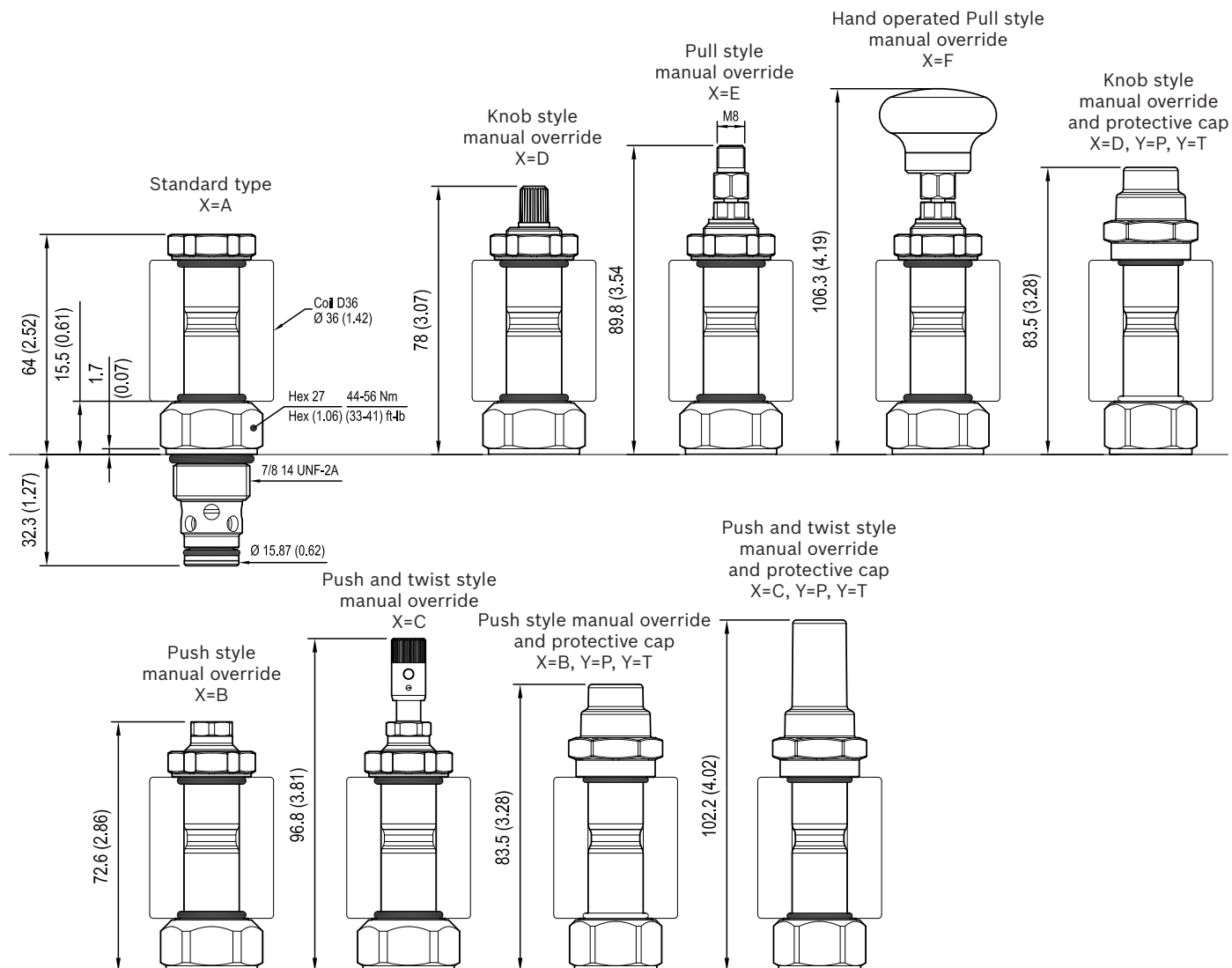
Technical data

Max. flow	up to 70 l/min (19 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 schemes (K)

monodirectional type	bidirectional type
	03
	05
	06
	31
	32

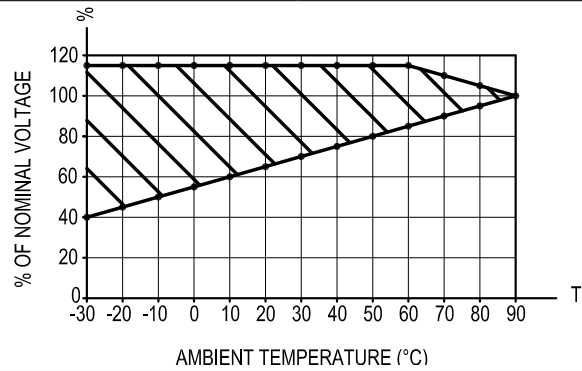
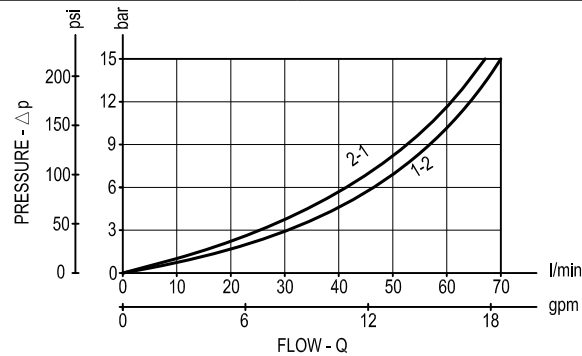
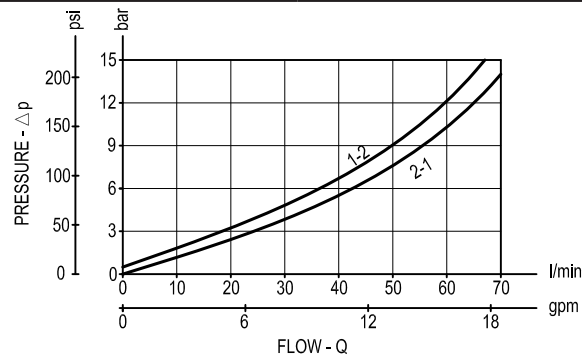
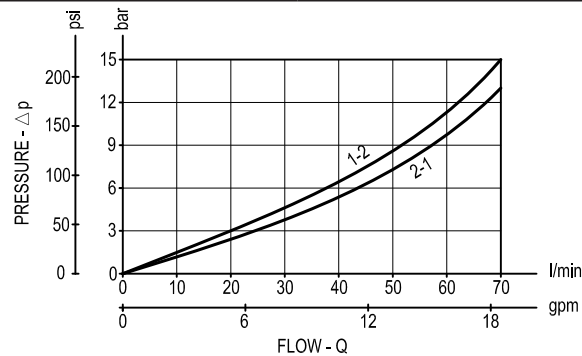


Cartridge technical data

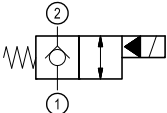
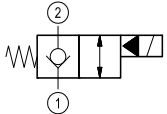
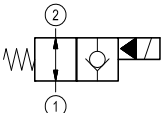
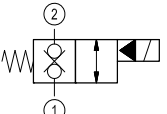
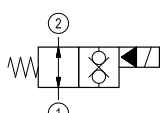
General	
Installation orientation	Unrestricted
Ambient temperature range	-30 to 90 °C (-22 to 194 °F)
Hydraulic	
Max. operating pressure	350 bar (5000 psi)
Flow range	2 - 70 l/min (0.53 - 18 gpm)
Max. internal leakage	20 drops/min.
Switching time	Opening ≤ 50 ms Closing ≤ 100 ms
Fluid temperature range	-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	44 - 56 Nm (33 - 41 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-10A-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=03; K=05 K=31	K=03; K=05 K=31	K=03; K=05 K=31
	V	K=all versions	K=06; K=32	K=06; K=32	K=03; K=05 K=31	K=03; K=05 K=31	K=03; K=05 K=31
	P	/	K=06; K=32	K=06; K=32	K=03; K=05 K=31	/	/
	T	/	K=06; K=32	K=06; K=32	K=03; K=05 K=31	/	/

Characteristic curves**All Versions - Admissible supply voltage Vs. Ambient temperature at 100% duty cycle****Version 03, 05****Version 31, 32****Version 06**

Ordering code

OS.15	K	36	X	Y	Z	W
<div> Solenoid operated valves 2-way 2-positions Common cavity size 10 Cartridge style in manifold </div> <div>  </div> <div>  </div> <div>  </div> <div>  </div> <div>  </div>						<div> Manifold material </div> <div> 00 Aluminium </div> <div> S0 Steel </div> <div> Manifold port sizes </div> <div> 03 G 1/2 </div> <div> 04 G 3/4 </div> <div> Cartridge seals and accessories options </div> <div> 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 </div> <div> Cartridge options </div> <div> 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 </div>
Common cavity size 10						
Note: for solutions availability (K-X-Y combinations), please refer to TAB.1 on page 2.						

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