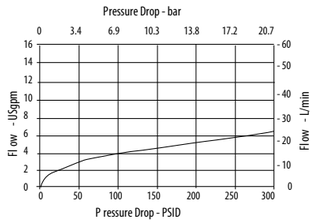
EFV1-10-C / O - Proportional valve

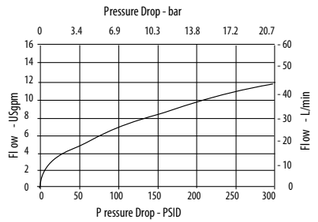
Proportional flow control, normally closed & normally open, poppet
Up to 32 L/min (8.4 USgpm) • 210 bar (3000 psi)

Normally close

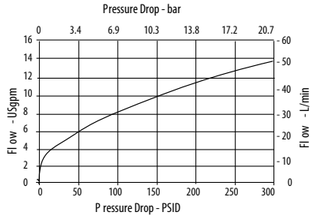
Max Flow vs. Pressure drop
Flow rating "A" at zero current



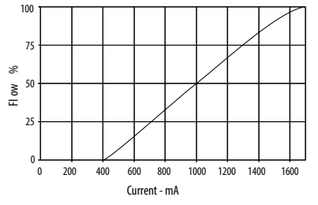
Max Flow vs. Pressure drop
Flow rating "B" at zero current



Max Flow vs. Pressure drop
Flow rating "C" at zero current

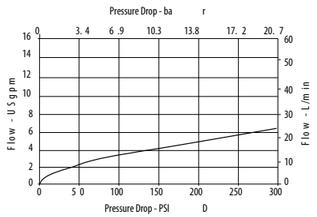


Flow vs. Current

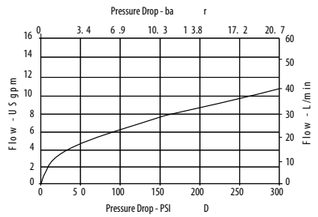


Normally open

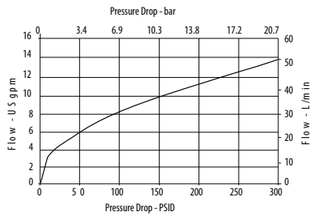
Max Flow vs. Pressure drop
Flow rating "A" (Valve fully open)



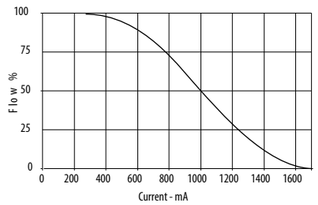
Max Flow vs. Pressure drop
Flow rating "B" (Valve fully open)



Max Flow vs. Pressure drop
Flow rating "C" (Valve fully open)



Flow vs. Current



Note: To determine operating characteristics for the flow rating selected, at a specific differential pressure, first determine maximum flow from upper curve at the differential pressure value. This will be the "100%" flow on

Parameters: 400 Hz PWM

Where measurements are critical request certified drawings. We reserve the right to change specifications without notice.

EFV1-10-C / O - Proportional valve

Proportional flow, Normally open & Normally close, poppet
Up to 38 L/min (10 USgpm) • 210 bar (3000 psi)

Model code EFV1 10 – * – * – * – * – * – *** – *****E** – 00

1 2 3 4 5 6 7 8 9 10

1 Function
EFV1 - Electro proportional flow control valve

2 Size
10 - 10 size

3 Seal material
N - Buna-N
V - Viton

4 Logic
C - Normally closed
O - Normally open

5 Flow rating
A - 4 USgpm @ 160 PSID
B -8 USgpm @ 160 PSID
C - 10 USgpm @ 160 PSID

6 Manual override option
0 -No core tube special features
S -Screw-in

7 Valve housing material
Blank - Cartridge only
A - Aluminum
S - Steel

8 Port Size

Code	Port size	Housing number	
		Aluminium	Steel single
0	Cartridge only		
3B	3/8" BSPP	02-173358*	
6T	SAE 6	566162*	02-175124
8T	SAE 8		02-175125
2G	1/4" BSPP	876705	02-175127
3G	3/8" BSPP	876714	02-175128
6H	SAE 6	876704	
8H	SAE 8	876711	

Note: Both the manifold and port plug are required.
See section J for housing details.
*Aluminum – Light duty.

9 Coil series
E - E series coils

* These model digits will not be stamped on the valve. For coil part numbers and dimensions see section C.

10 Special features
00 - None

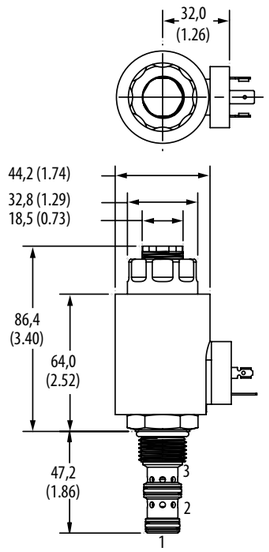
Only required when valve has special features, omitted if "00".

Dimensions
mm (inch)

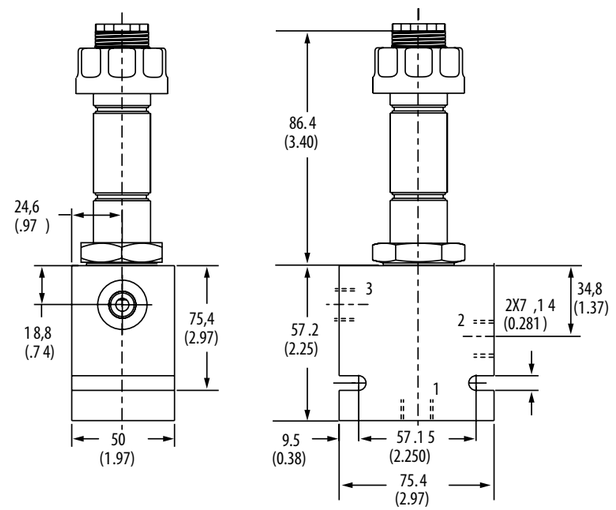
Note: S type manual override shown. DIN 43650 connector shown.

Note: Port 1 is unused and must be plugged.

Cartridge only



Installation drawing (Aluminum)



Where measurements are critical request certified drawings. We reserve the right to change specifications without notice.