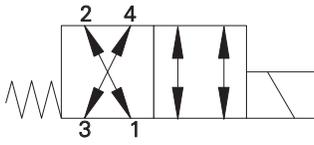


SV17M-10-4P - Solenoid valve

Spool type, 4-way, 2-position
 17 L/min (5 USgpm) • 350 bar (5000 psi)

A



Operation

In the de-energized position this valve allows flow between port 3 to port 4 and between port 2 to port 1 in both directions.

In the energized position flow is allowed between port 3 to port 2 and between port 4 to port 1 in both directions.

Performance data

Ratings and specifications

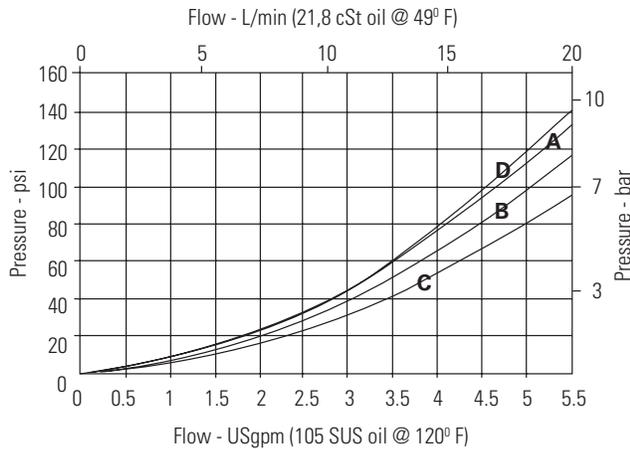
Performance data is typical with fluid at 21,8 cSt (105 SUS) and 49°C (120°F)

Typical application pressure (all ports except port 1)	350 bar (5000 psi)
Typical application pressure at port 1	210 bar (3000 psi)
Rated flow	17 L/min (5 USgpm)
Internal leakage	350 cc/min (21.5 in ³ /min) @ 210 bar (3000 psi)
Temperature range	-40° to 120°C (-40° to 248°F)
Cavity	C-10-4
Weight including coil	0.44 kg (0.96 lbs)
Fluids	All general purpose hydraulic fluids such as: MIL-H-5606, SAE 10, SAE 20, etc.
Filtration Cleanliness code	18/16/13
Seal kit	889625 Buna-N), 566080 (Viton®)

Viton is a registered trademark of E.I. DuPont

Pressure drop

Cartridge only



- A** - Port 3 to port 2 energized
- B** - Port 3 to port 4 de-energized
- C** - Port 2 to port 1 de-energized
- D** - Port 4 to port 1 energized

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

SV17M-10-4P - Solenoid valve

Spool type, 4-way, 2-position
17 L/min (5 USgpm) • 350 bar (5000 psi)

A

Model code



1 Function

SV17 - Solenoid valve

2 Max flow

M - 23 L/min (6 USgpm)

3 Size

10 - 10 Size

4 Seal material

Blank - Buna-N

V - Viton®

5 Style

4P - 4 way push type manual override

6 Port size

Code	Port size	Housing number	
		Aluminium	Steel
0	Cartridge only		
A2G	1/4" BSPP	02-185804	
A3G	3/8" BSPP	02-185805	
A6H	SAE 6	02-185802	
A8H	SAE 8	02-185803	
S2G	1/4" BSPP		02-175139
S3G	3/8"		02-175140
S6T	SAE 6		02-175137
S8T	SAE 8		02-175140

7 Voltage rating

00 - No coil
12D - 12VDC
24D - 24VDC
12B - 12VDC/w diode*
24B - 24VDC/w diode*

*Optional arc suppression diode.

8 Connector types

Blank - No coil
G0 - ISO 4400 DIN 43650
N0 - Deutsch male, DT04-2P, integrated
Y0 - Integrated Amp DC
D0 - MetriPack® 150 Male, Integrated (DC Only)
Mating connector : Delphi 12052641.

For coil part numbers and dimensions see section C.

9 Coil types

Blank - No coil
R - R series (30W) Large ToughCoil

10 Coil special features

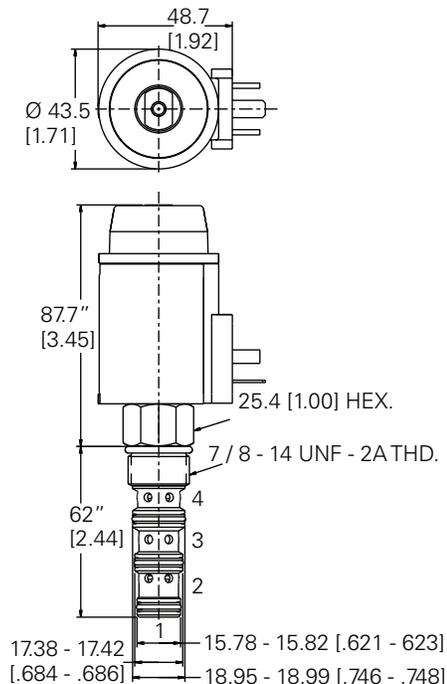
Blank - No coil
00 - No special feature

11 Special features

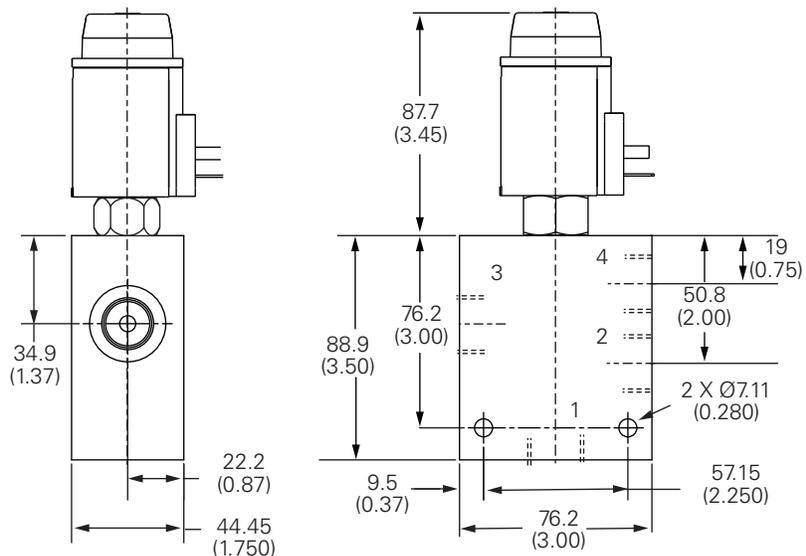
00 - None
(Only required if valve has Special features omitted if "00".)

Dimensions - mm (inch)

Cartridge only



Installation drawing (Steel)



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