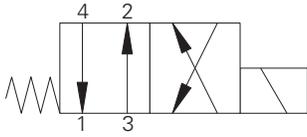


SV1 1-10-4/4M - Solenoid valve

Spool type, 4-way, 2-position
23 L/min (6 USgpm) • 350 bar (5000 psi)

A



Operation

In the de-energized position this valve allows flow from port 4 to port 1 and from port 3 to port 2.
In the energized position flow is allowed from port 3 to port 4 and from port 2 to port 1.

Performance data

Ratings and specifications

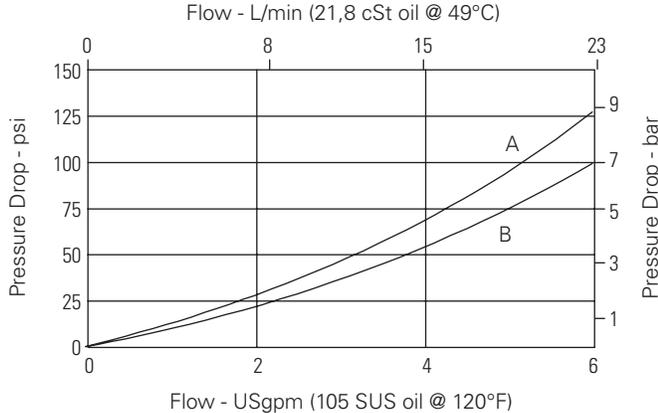
Performance data is typical with fluid at 21,8 cSt (105 SUS) and 49° C (120° F)

Typical application pressure (all ports)	350 bar (5000 psi)
Rated flow	23 L/min (6 USgpm)
Internal leakage, port 2 to port 1	82 cm ³ /min. (5 in ³ /min) max @ 350 bar (5000 psi)
Temperature range	-40° to 100°C (-40° to 212°F)
Coil duty	Continuous from 85% to 110% of nominal voltage
Cavity	C-10-4
Weight Cartridge only	0,21 kg (0.46 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

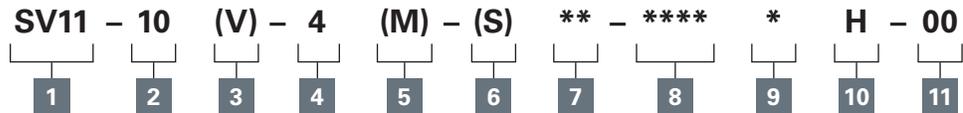
B - Port 4 to port 1

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

SV11-10-4/4M - Solenoid valve

Spool type, 4-way, 2-position
23 L/min (6 USgpm) • 350 bar (5000 psi)

Model code



A

1 Function

SV11 - Solenoid valve

2 Size

10 - 10 size

3 Seal material

Blank - Buna-N
V - Viton®

4 Style

4 - 4-way, 2-position

5 Manual override option

Blank - No manual override
M - Manual override
For valve dimensions with Manual override option installed see page A-980.

6 Valve housing material

Blank - Omit for Cartridge only
S - Steel

7 Port size

Code	Port size	Housing number
0	Cartridge only	
2G	1/4" BSPP	02-175139
3G	3/8" BSPP	02-175140
6T	SAE 6	02-175137
8T	SAE 8	02-175138

See section J for housing details.

10 Coil series

H - 10 series, 29W

For coil part numbers and dimensions see section C.

11 Special features

00 - None

(Only required if valve has Special features omitted if "00".)

8 Voltage rating

00 - No coil
12D - 12VDC
24D - 24VDC
115A - 115VAC
230A - 230VAC
12B - 12VDC/w diode*
24B - 24VDC/w diode*

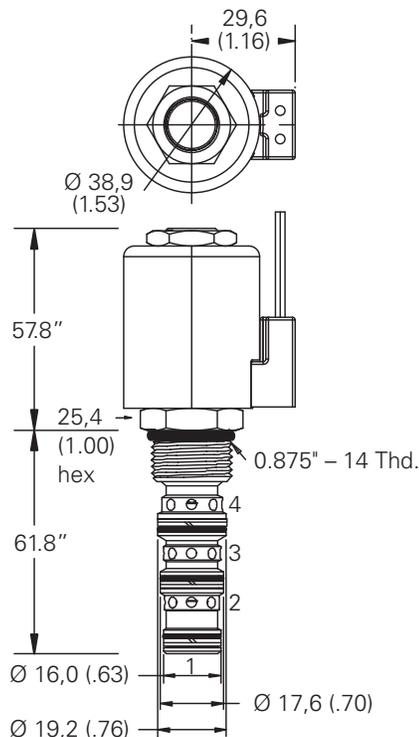
*Optional arc suppression diode.

9 Coil types

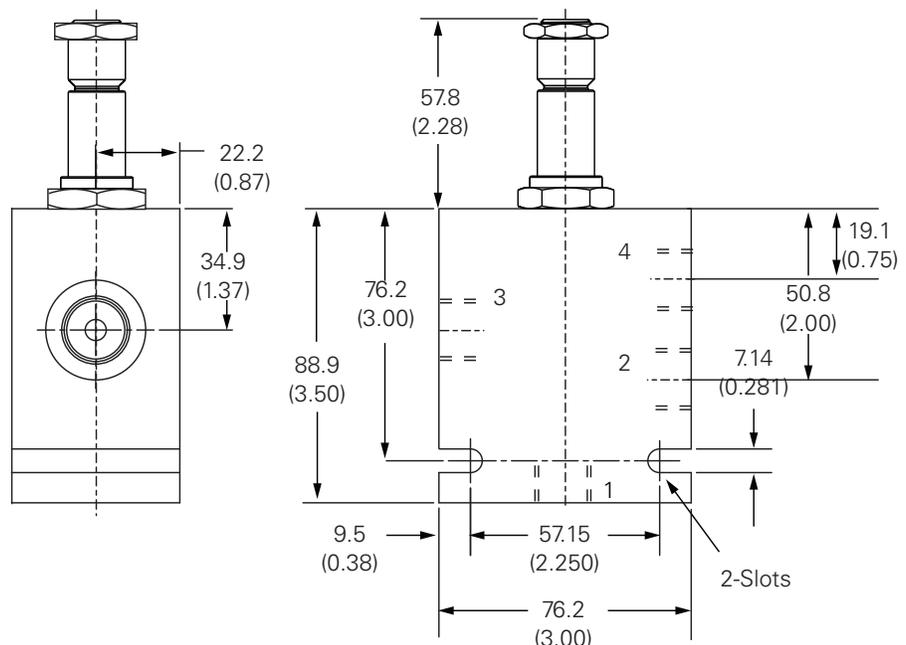
Blank - No coil
G - ISO 4400 DIN 43650
W - Flying lead
N - Deutsch (DC only)
Y - Amp JR (DC only)
D - Metripack 150 male (DC only)
J - Metripack 280 male (DC only)
E - Weather-Pack female
F - Weather-Pack male
For coil part numbers and dimensions see section C.

Dimensions - mm (inch)

Cartridge only



Installation drawing



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