

Air & Gas Pumps

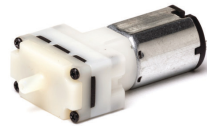
These micro diaphragm pumps are a series of DC motor pumps. These miniature air pumps are offered as a sensible alternative for low cost applications as well as uses requiring short runs. Various voltage options are available to suit specific needs.

FEATURES

- ✓ Lightweight
- ✓ Compact Size
- ✓ Low Noise
- ✓ 100% Oil Free



SX-1



SX-2



SX-3



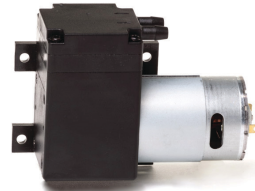
SX-4



SX-5



SX-6



SX-7

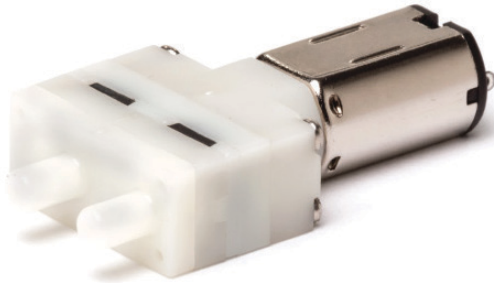


SX-8
(brushless)

SX Micro Diaphragm Pumps

Model	Flow (L/min)	Pressure (bar)	Vacuum (bar)	Voltage (VDC)	Power (mA)	Weight (g)	Dimensions (mm)	Comments
SX-1	0.4	0.4	-0.2	3/6	350/150	8	32x18x8	30,000 cycles (10 sec on, 7 sec off)
SX-2	0.6	0.4	—	3/6	320/200	14	35x20x11	30,000 cycles (10 sec on, 7 sec off)
SX-3	3.2	0.7	—	6/12/24	650/350/200	—	55x32 Ø	50,000 cycles (10 sec on, 7 sec off)
SX-4	3.5	0.7	—	6/12/24	430/300/150	68	58x27 Ø	50,000 cycles (10 sec on, 7 sec off)
SX-5	4.0	1.0	-0.6	6/12/24	850/450/200	104	65x32 Ø	500 hours
SX-6	5.0	2.4	—	12	1,000	280	—	1,500 cycles (20 min on, 5 min off)
SX-7	10.0	1.6	-0.7	6/12/24	2,000/1,000/500	295	86x65x40	500 hours
SX-8	15.0	0.8	-0.5	6/12/24	2,000/1,500/1,000	295	112x60 Ø	500 hours

SX-1 Air & Gas Pump



TECHNICAL DATA

Flow (L/min): 0.4

Pressure (bar): 0.4

Vacuum (bar): -0.2

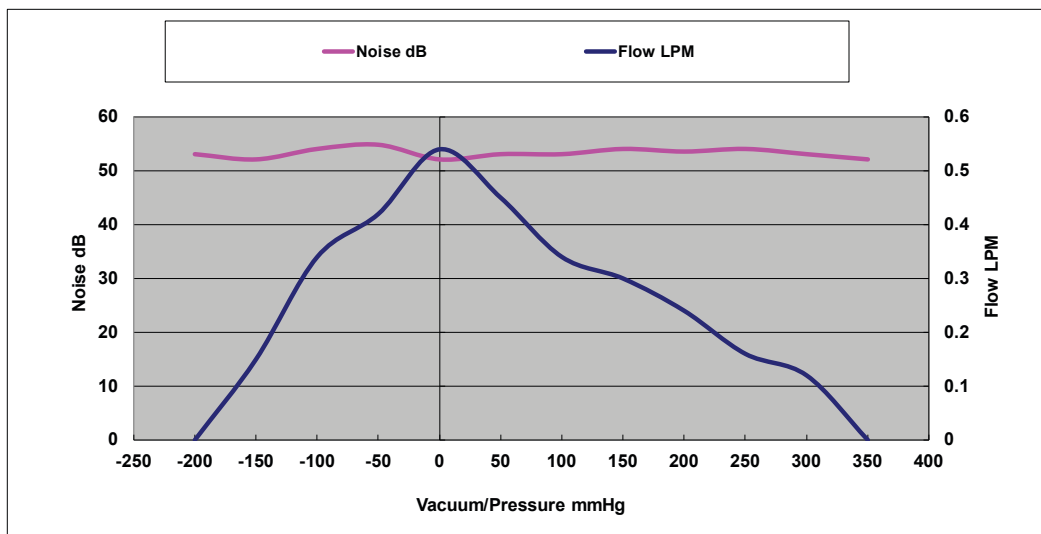
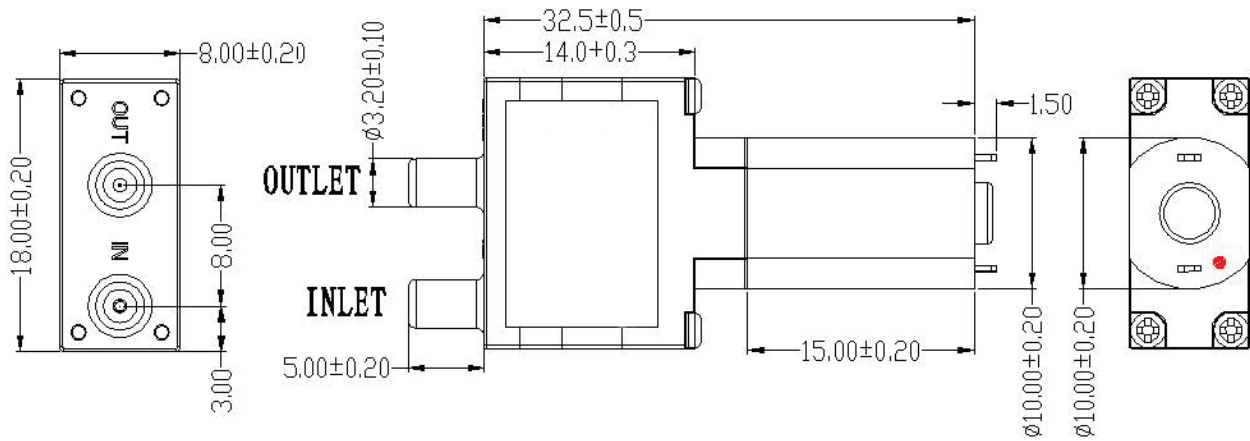
Voltage (VDC): 3/6

Power (mA): 350/150

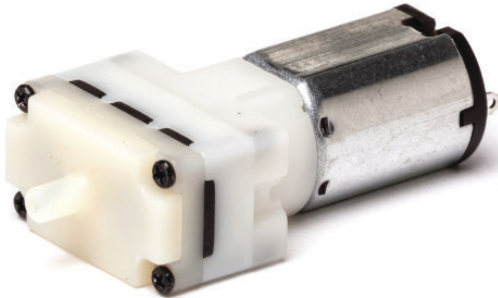
Weight (g): 8

Dimensions (mm): 32x18x8

Comments: 30,000 cycles (10 sec on, 7 sec off)



SX-2 Air & Gas Pump



TECHNICAL DATA

Flow (L/min): 0.6

Pressure (bar): 0.4

Vacuum (bar): —

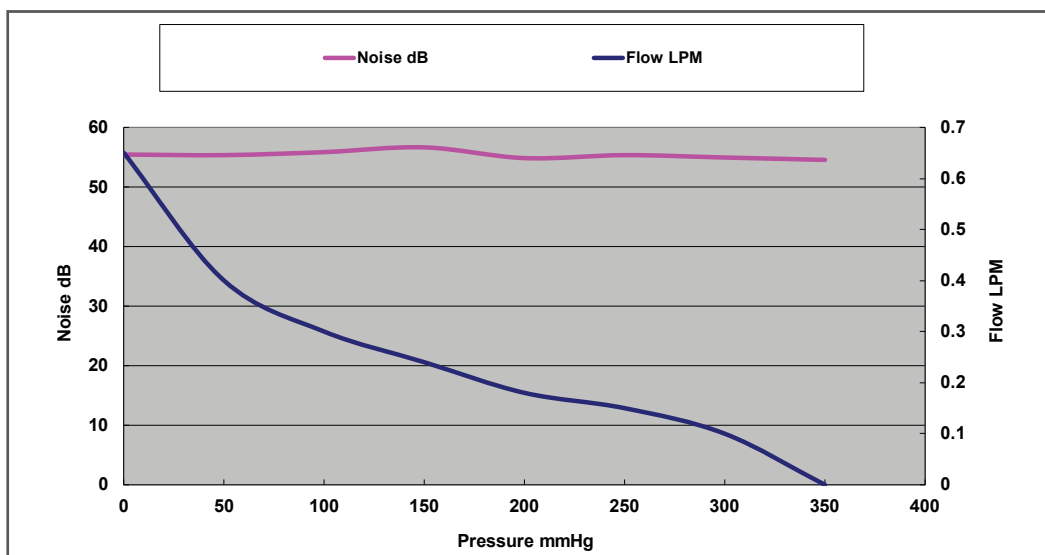
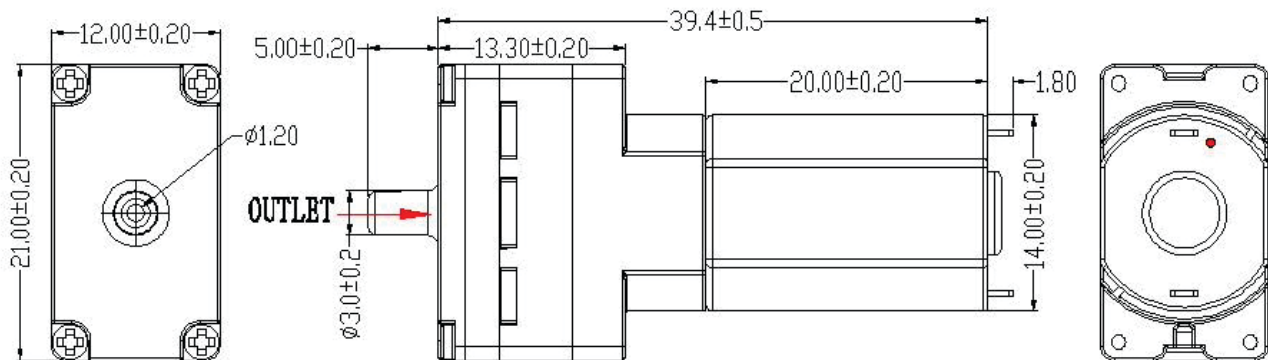
Voltage (VDC): 3/6

Power (mA): 320/200

Weight (g): 14

Dimensions (mm): 35x20x11

Comments: 30,000 cycles (10 sec on, 7 sec off)



SX-3 Air & Gas Pump



TECHNICAL DATA

Flow (L/min): 3.2

Pressure (bar): 0.7

Vacuum (bar): —

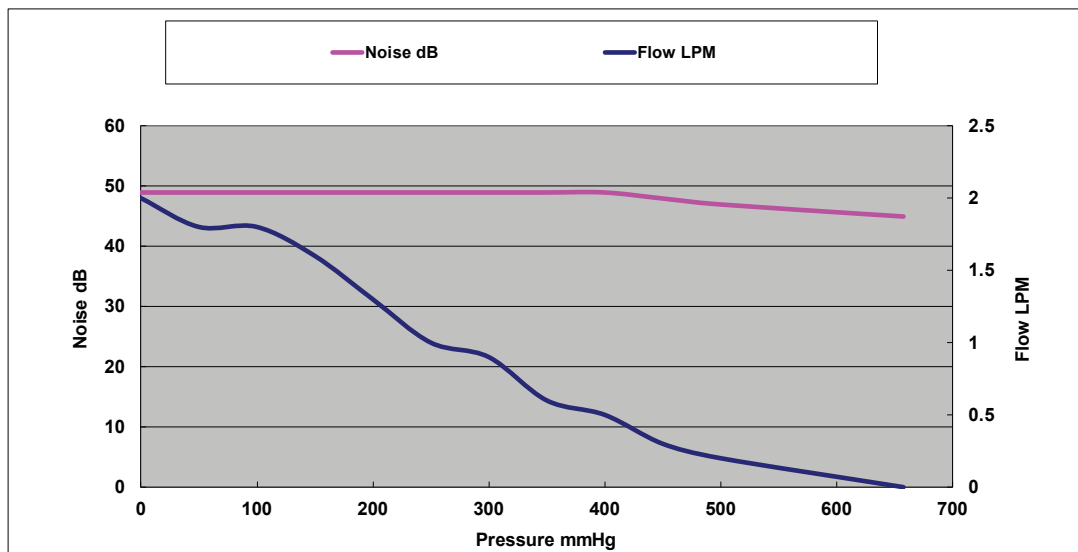
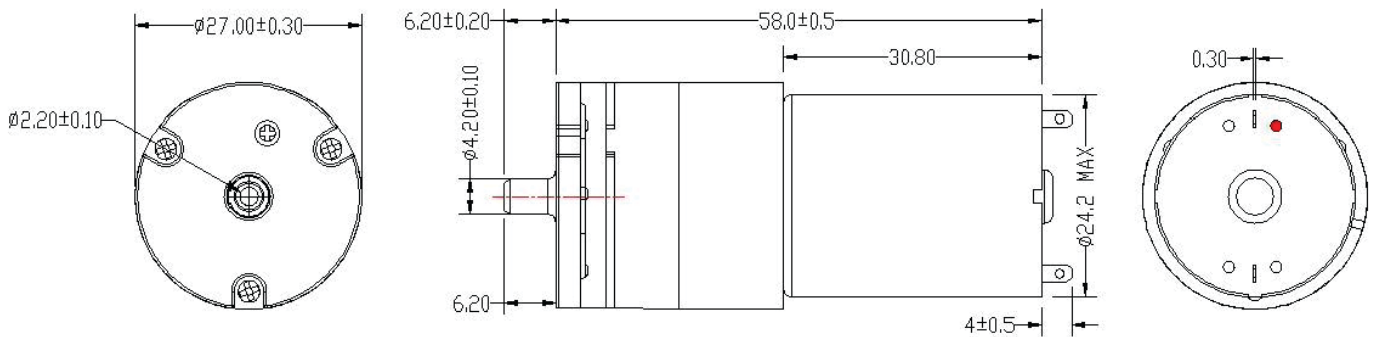
Voltage (VDC): 6/12/24

Power (mA): 650/350/200

Weight (g): —

Dimensions (mm): 55×32 Ø

Comments: 50,000 cycles (10 sec on, 7 sec off)



SX-4 Air & Gas Pump



TECHNICAL DATA

Flow (L/min): 3.5

Pressure (bar): 0.7

Vacuum (bar): —

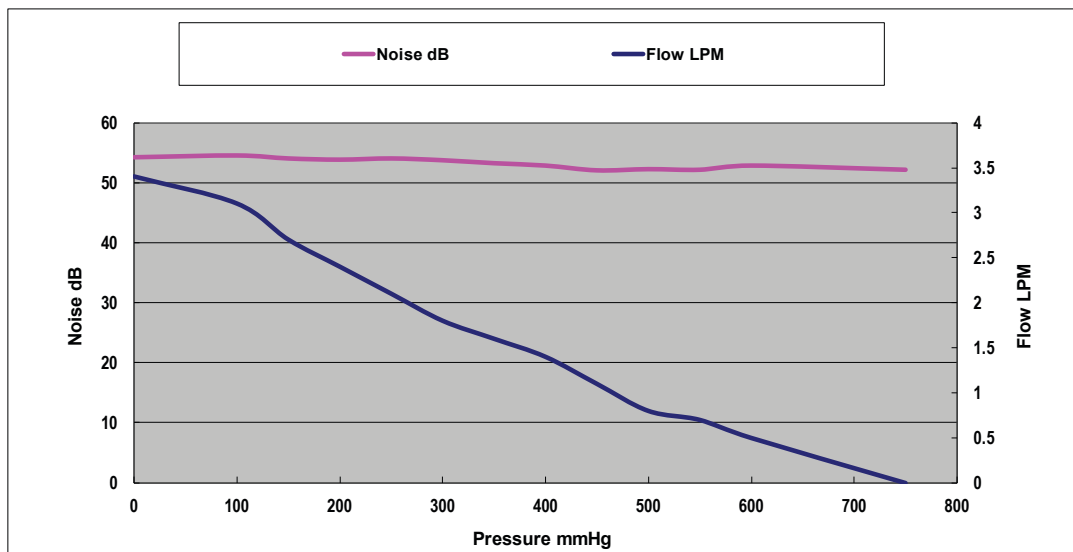
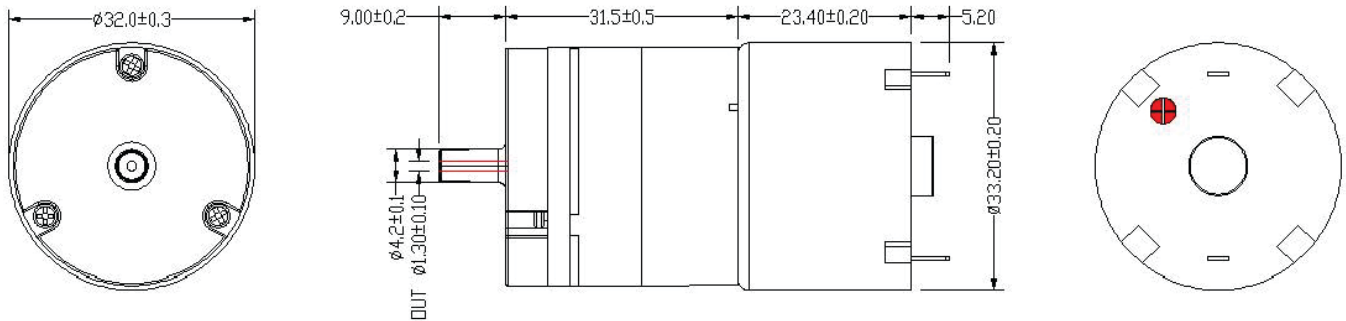
Voltage (VDC): 6/12/24

Power (mA): 430/300/150

Weight (g): 68

Dimensions (mm): 58x27 Ø

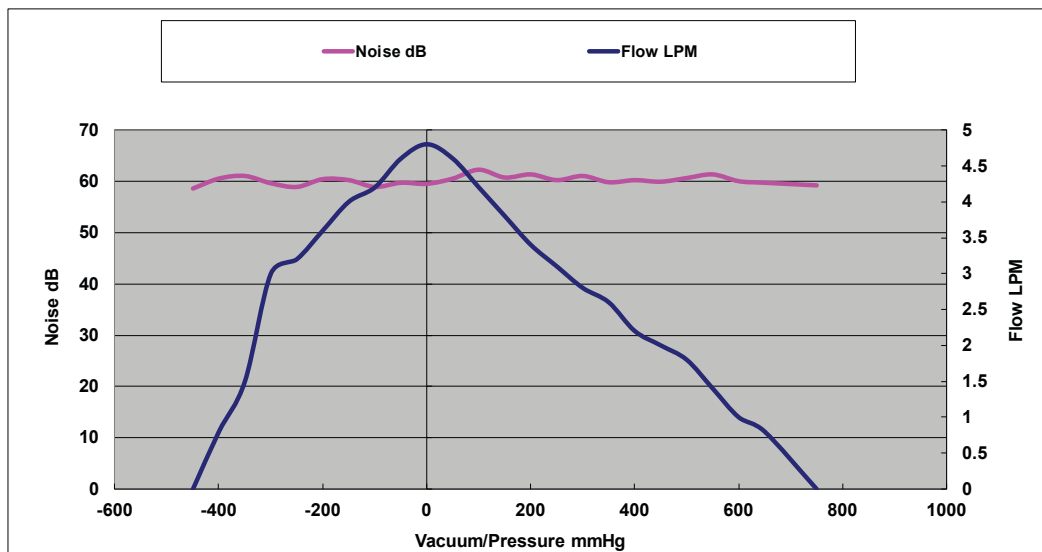
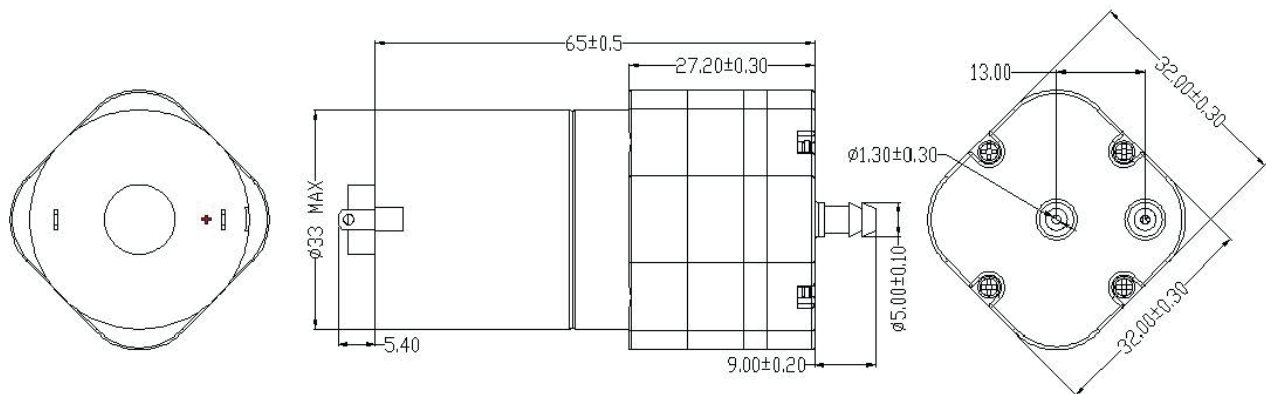
Comments: 50,000 cycles (10 sec on, 7 sec off)



SX-5 Air & Gas Pump

TECHNICAL DATA

- Flow (L/min): 4.0
- Pressure (bar): 1.0
- Vacuum (bar): - 0.6
- Voltage (VDC): 6/12/24
- Power (mA): 850/450/200
- Weight (g): 104
- Dimensions (mm): 65×32 Ø
- Comments: 500 hours



SX-6 Air & Gas Pump



TECHNICAL DATA

Flow (L/min): 5.0

Pressure (bar): 2.4

Vacuum (bar): —

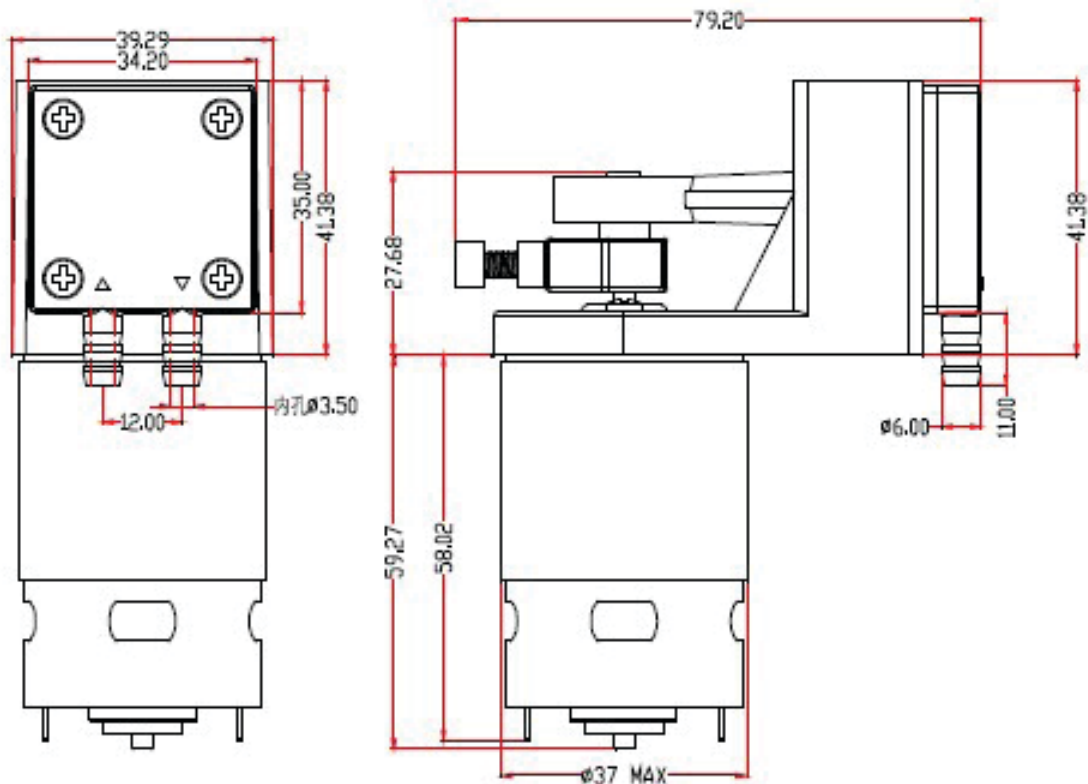
Voltage (VDC): 12

Power (mA): 1,000

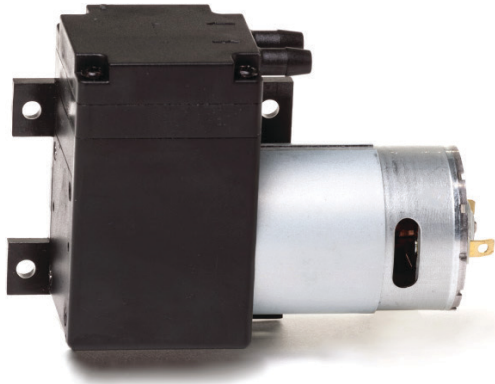
Weight (g): 280

Dimensions (mm): —

Comments: 1,500 cycles (20 min on, 5 min off)

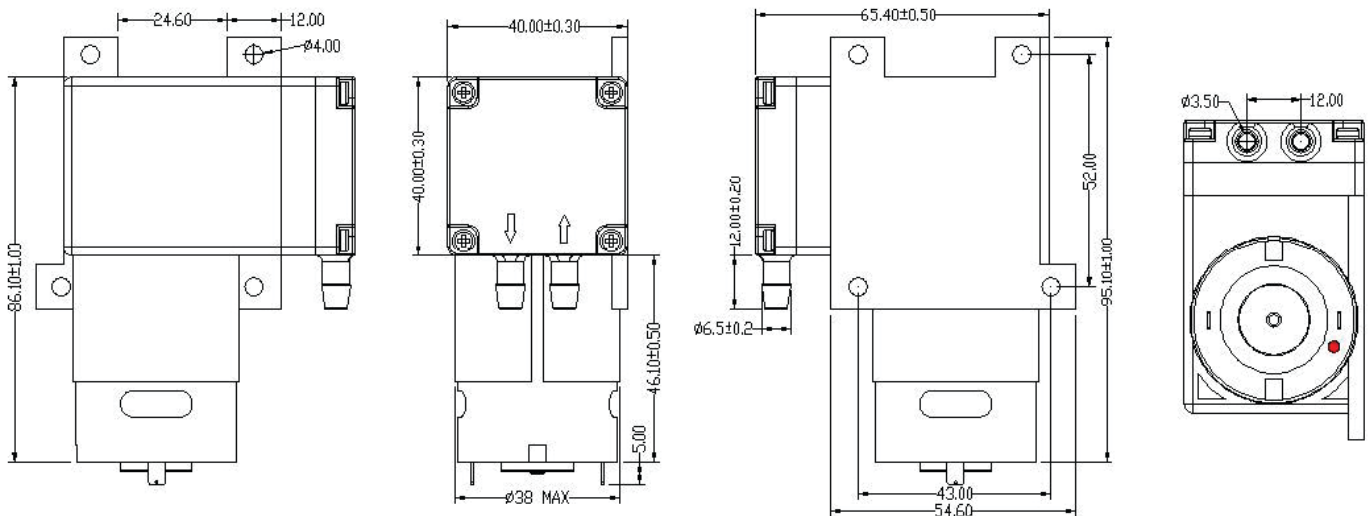


SX-7 Air & Gas Pump



TECHNICAL DATA

Flow (L/min): 10.0
Pressure (bar): 1.6
Vacuum (bar): - 0.7
Voltage (VDC): 6/12/24
Power (mA): 2,000/1,000/500
Weight (g): 295
Dimensions (mm): 86x65x40
Comments: 500 hours



SX-8 Air & Gas Pump (brushless)



TECHNICAL DATA

- Flow (L/min): 15.0
- Pressure (bar): 0.8
- Vacuum (bar): - 0.5
- Voltage (VDC): 6/12/24
- Power (mA): 2,000/1,500/1,000
- Weight (g): 295
- Dimensions (mm): 112x60 Ø
- Comments: 500 hours

