

! Contact our sales office for delivery dates and prices as this is a special model.

Specialized Product

Point to Group
P.G. information

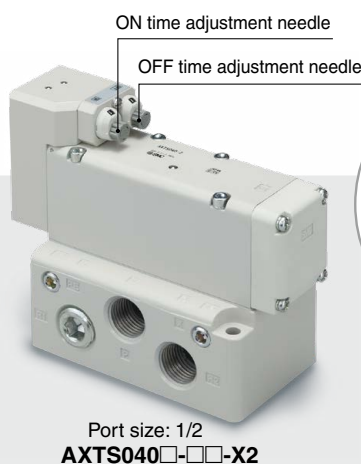
Pulse Blowing Valve

AXTS040□-□□-X2

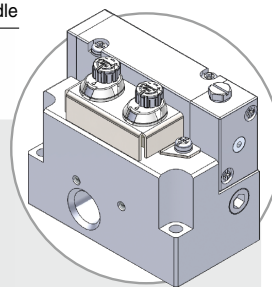
Features

- The peak pressure of repeatedly colliding air permits efficient blowing.

■ Air consumption:
Reduced by **50% or more**

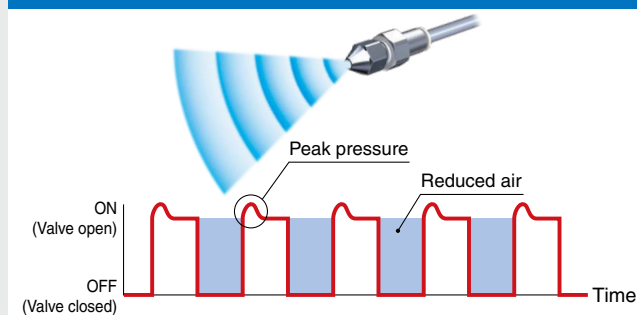


Related product
* Please contact SMC for details.

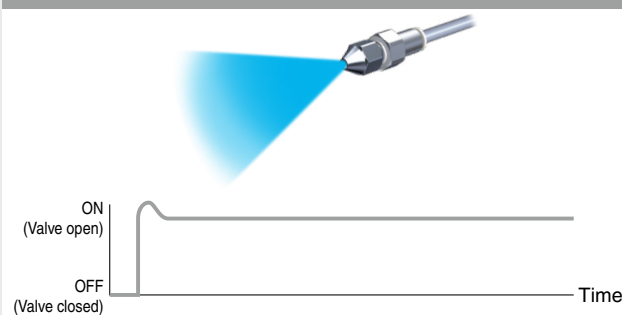


Port size: 1/4
AXTS020-1P-X2

Pulse blow

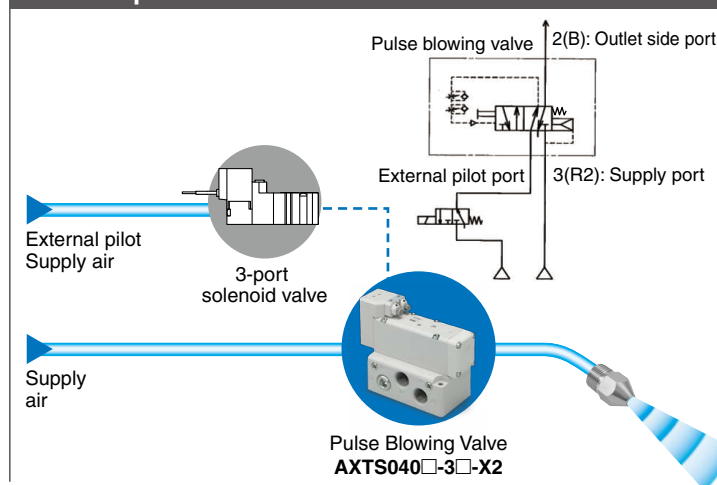


Continuous blow

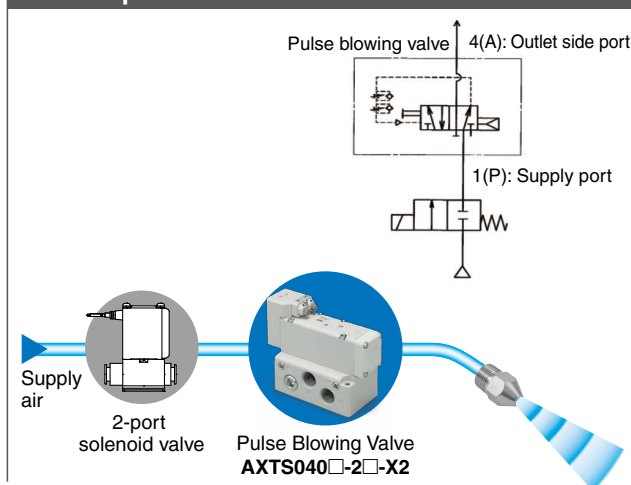


■ **Control for pulse generation is not required.** Pulse blow can be used by simply supplying air.

External pilot



Internal pilot



■ Long service life (200 million cycles or more)

■ Flow rate characteristics

Type of actuation	C [dm ³ /(s·bar)]	b	Cv
External pilot	14	0.18	3.4
Internal pilot	12	0.14	2.9

■ ON/OFF time adjustable individually

■ Operating pressure range:
0.2 to 1.0 MPa



Caution

To ensure the safest possible operation of this product, please be sure to thoroughly read the "Safety Instructions" in our "Best Pneumatics" catalog before use.

SMC Corporation 4-14-1, SOTO-KANDA, CHIYODA-KU, TOKYO 101-0021, JAPAN URL: <http://www.smcworld.com>

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SP178X-008E
P: WS

(A)

How to Order

AXTS 040 □ - 3 □ -X2

Body size

040	1/2
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Thread type

Nil	Rc
F	G
N	NPT
T	NPTF

Direct manual override

Nil	None
B	Locking type

Type of actuation

2	Internal pilot
3	External pilot

Specifications

Model	AXTS040□-2□-X2	AXTS040□-3□-X2
Type of actuation	Internal pilot	External pilot
Valve construction	Metal seal	
Fluid	Air	
Operating pressure range	0.2 to 1.0 MPa	0 to 1.0 MPa
External pilot air pressure	—	0.2 to 1.0 MPa
Frequency adjustment range	1 to 5 Hz	1 to 8 Hz
Proof pressure	1.5 MPa	
Ambient and fluid temperatures	-10 to 50°C	
Lubrication	Not required	
Flow rate characteristics (IN port → OUT port)	C [dm ³ /(s·bar)]	12
	b	0.14
	Cv	2.9

Dimensions

[mm]

Internal pilot

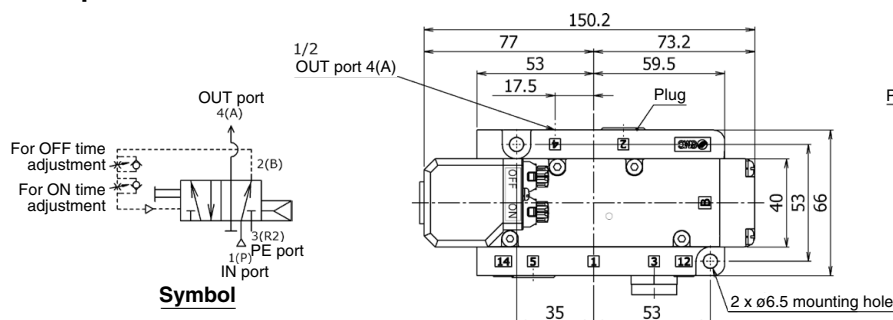
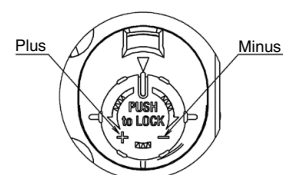
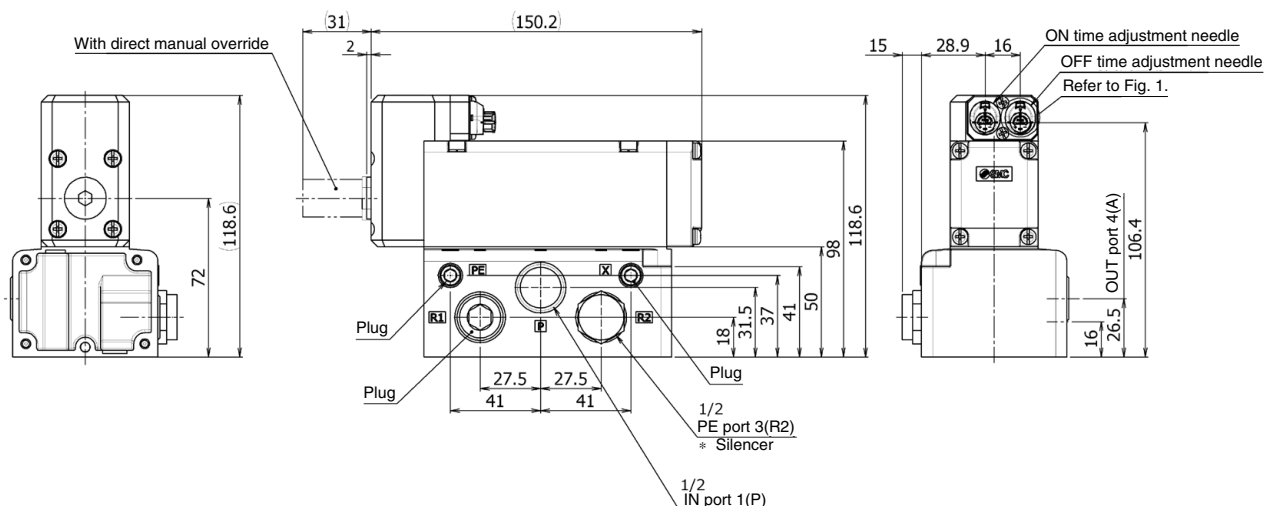


Fig. 1



* Turning the needle in the positive direction increases the frequency. The frequency cannot be set to 5 Hz or higher.



Dimensions

[mm]

External pilot

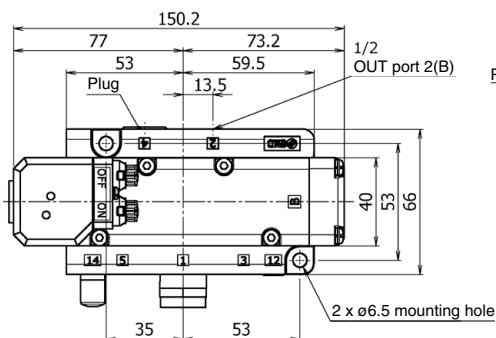
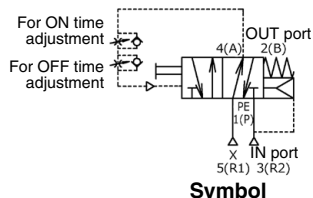
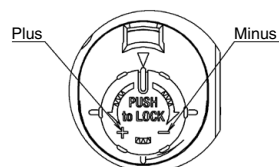


Fig. 1



* Turning the needle in the positive direction increases the frequency.
The frequency cannot be set to 8 Hz or higher.

