

Metering Valve with Silencer Series ASN2

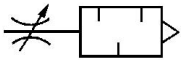
Superior sound reducing performance

Over 20dB at Max. flow rate

Cylinder speed easily set

Shape of needle as the same as that of speed controller

Retainer prevents accidental loss of needle



How to Order



Area Code

Nil	Japan, Asia, Australia, UK
N	U.S.A.

Port thread

Nil	M5, 10-32UNF, R
N	NPT

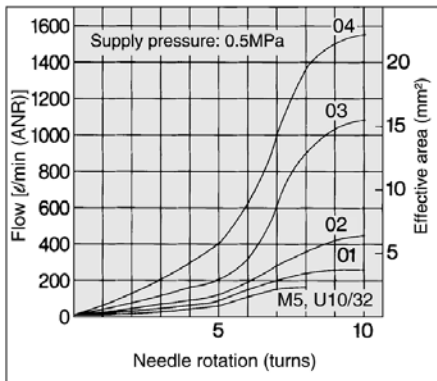
Options

Nil	None
S	Sealant

Port size

M5	M5 x 0.8
U10/32	10-32UNF
01	R1/8
02	R1/4
03	R3/8
04	R1/2

Flow Characteristics



Specifications

Proof pressure	1.5MPa
Maximum operating pressure	1MPa
Minimum operating pressure	0.05MPa
Ambient and fluid temperature	-5° to 60°C (No freezing)
Number of needle rotations	10 turns (12 turns <i>Note 1</i>)

Note 1 (): Values for AS800, AS900.

Model

Model	Port size	Effective area (mm ²)	Weight (g)
ASN2-M5	M5 x 0.8	1.8	5
ASN2-U10/32	10-32UNF	1.8	5
ASN2-01	R1/8	3.6	17
ASN2-02	R1/4	6.5	34
ASN2-03	R3/8	16.6	55
ASN2-04	R1/2	24.5	107

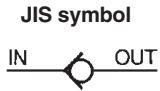
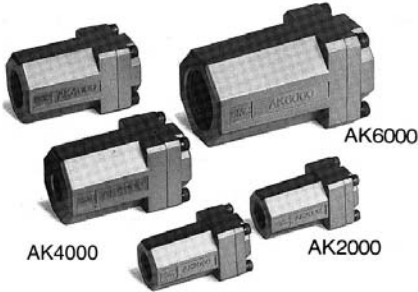


Check Valve Series AK

High flow capacity

Low cracking pressure: 0.02MPa

Compact and light weight



How to Order

N **AK** **2** 000 — **02**

Area Code

Nil	Japan, Asia, Australia, UK
N	U.S.A.

Body size

2	1/4
4	1/2
6	1

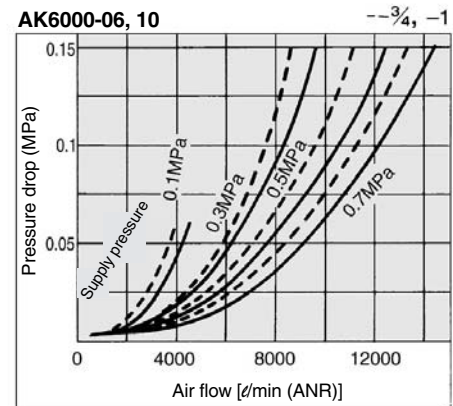
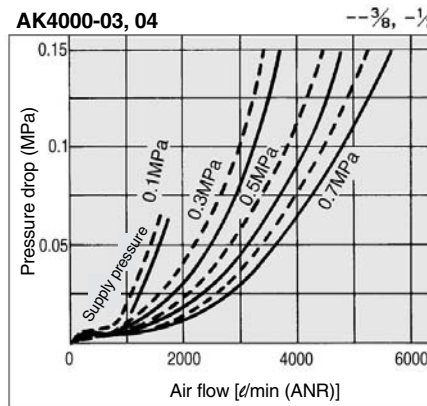
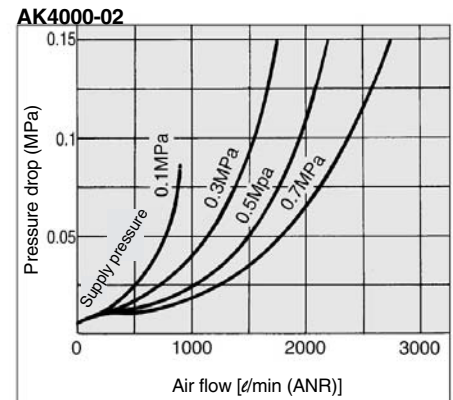
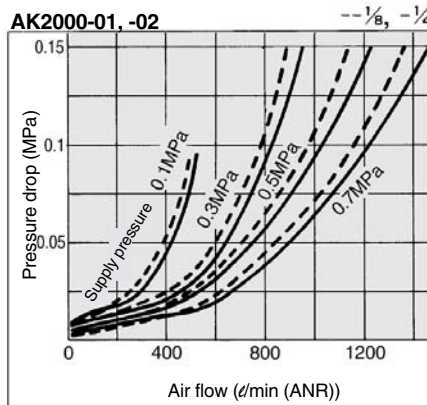
Port size

Port size	Applicable series
01	1/8 AK2000
02	1/4 AK2000, 4000
03	3/8 AK4000
04	1/2 AK4000
06	3/4 AK6000
10	1 AK6000

Port thread

Nil	Rc
N	NPT
F	G

Flow Characteristics



Model

Model	Port size	Effective area (mm ²)	Weight (g)
AK2000-01	1/8	25	105
AK2000-02	1/4	27.5	100
AK4000-02	1/4	47	155
AK4000-03	3/8	85	150
AK4000-04	1/2	95	140
AK6000-06	3/4	200	345
AK6000-10	1	230	315

Specifications

Fluid	Air
Proof pressure	1.5MPa
Maximum operating pressure	1MPa
Minimum operating pressure	0.02MPa
Ambient and fluid temperature	-5° to 60°C (No freezing)

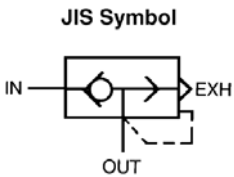
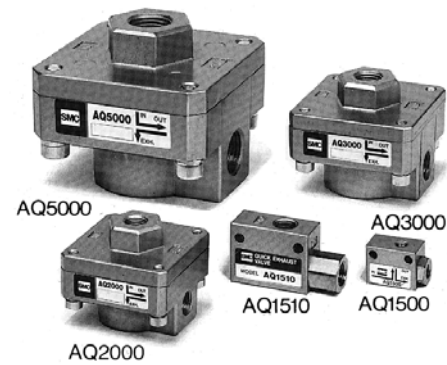


Quick Exhaust Valve

Series AQ

Lip Type, Diaphragm Type

- High exhaust characteristics
- Port size range from M5 to 3/4
- High flow capacity
- Compact and light weight
- Low differential pressure



How to Order

Ordering code: **N AQ 2 0 0 0** — **02**

Area Code

Nil	Japan, Asia, Australia, UK
N	U.S.A.

Body size

1	1/8
2	1/4
3	3/8
5	3/4

Type

Symbol	Type	Model
0	Diaphragm	AQ2 to AQ5
5	Lip	AQ1 Only

Port size

Port size	Applicable series
M5	M5 x 0.8 AQ1500
01	1/8 AQ1510, 2000
02	1/4 AQ2000, 3000
03	3/8 AQ3000
04	1/2 AQ5000
06	3/4 AQ5000

Port Thread

Nil	M5, Rc
N	NPT
F	G

Body size for AQ15□0

0	M5 x 0.8
1	1/8

Note) "AQ15□0" only

Specifications

Fluid	Air	
Proof pressure	1.5MPa	
Maximum operating pressure	AQ15□0	0.7MPa
	AQ2000 to 5000	1MPa
Minimum operating pressure	AQ15□0	0.1MPa
	AQ2000 to 5000	0.05MPa
Ambient and fluid temperature	- 5° to 60°C (No freezing)	

Model

Model	Port size	Effective area (mm ²)		Weight (g)
		IN→OUT	OUT→EXH	
AQ1500-M5	M5 x 0.8	2	2.8	25
AQ1510-01	1/8	4	5.8	45
AQ2000-01	1/8	25	25	110
AQ2000-02	1/4	35	40	105
AQ3000-02	1/4	40	42	215
AQ3000-03	3/8	60	70	205
AQ5000-04	1/2	105	115	690
AQ5000-06	3/4	135	180	650

⚠ Caution

Be sure to read before handling.
 Refer to page 64 and 65 for Safety Instructions and common precautions on the products mentioned in this catalog, and refer to pages 66 through 68 for precautions on every series.