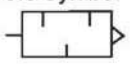
Silencer, BC Sintered Body Type Series AN

Ideal for the exhaust of a compact valve or pilot air.



JIS Symbol

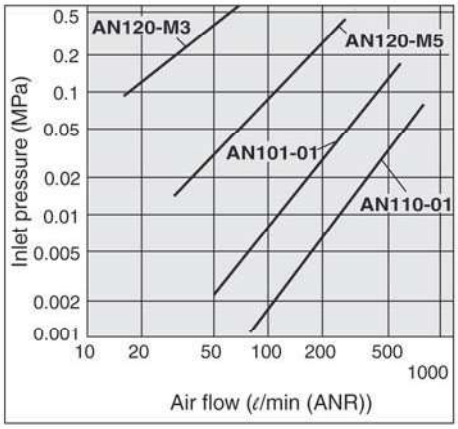


Specifications/Model

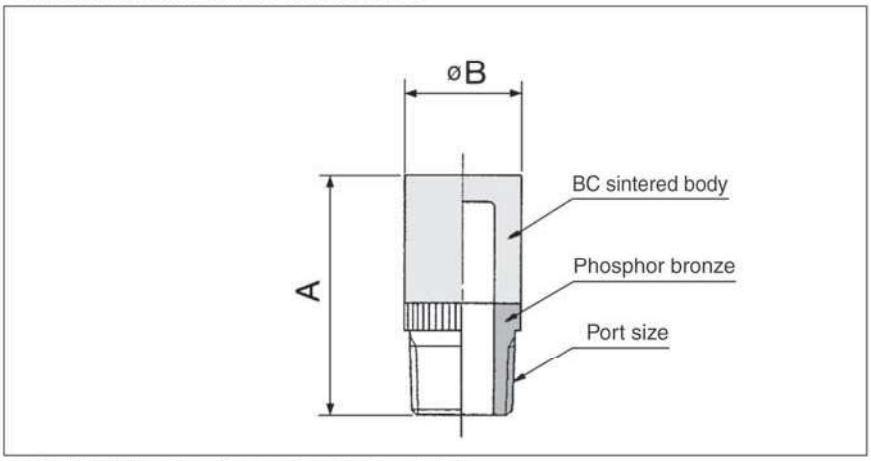
Specifications \ Model		AN101-01	AN110-01	AN120-M3	AN120-M5
Port size (1)		R 1/8	R 1/8	M3	M5
Noise reduction (dB (A))		16	21	13	18
Fluid		Compressed air			
Max. operating pressure (2)		1.0 MPa			
Ambient and fluid temperature		5 to 150°C (3)			
Effective area (mm^2)		20	35	1	5
Weight (g)		9.5	20	1	3.3
Dimensions (mm)	A	22.5	38	9	17
	B	11	13	6	8

Note 2) It indicates the inlet pressure for solenoid valve.
Note 3) It can operate in temperatures between –10 to 150°C if there is no risk of the moisture in the air freezing.

Flow Characteristics (Initial conditions)



Construction/Parts/Dimensions

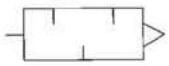


Note) About the display of product's material
BC: Copper alloy
Phosphor bronze: Copper alloy

Silencer, 40 dB (A): High Noise Reduction Type Series ANA1

A high noise reduction type silencer keeps the noise level inside a plant below 85 dB (A).

JIS Symbol





How to Order

AN A1 – 03

Port size

Symbol	Port size	Connection
01	1/8	Screw-in *
02	1/4	
03	3/8	
04	1/2	
10	1	
12	1 1/4	
14	1 1/2	
20	2	

* Only R is available.

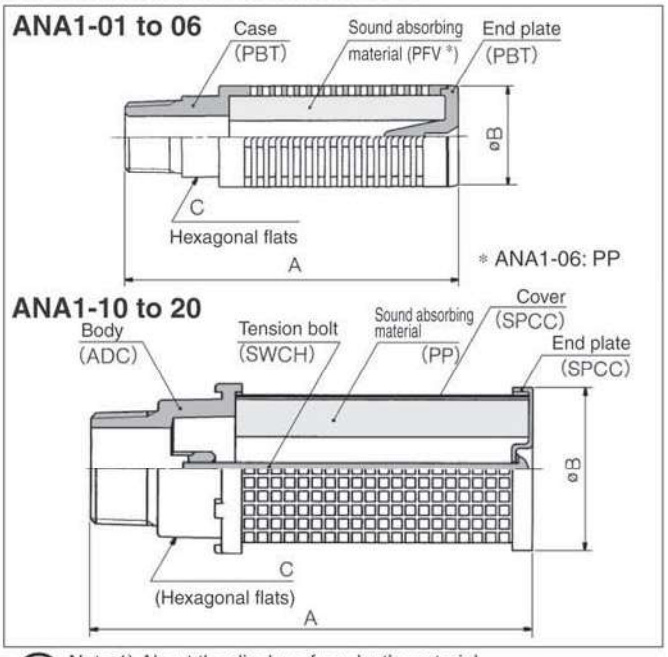
Series

Symbol	Noise reduction
A1	40 dB (A)

Model (Screw-in connection)

Model	Port size R	Effective area (mm²)	Recommended flow (m³/min (ANR))	Weight (g)	Dimensions (mm) A	B	C
ANA1-01	1/8	10	0.8 or less	4	37	16	—
ANA1-02	1/4	15	1.2 or less	14	64	22	18
ANA1-03	3/8	35	2.7 or less	22	84	25	21
ANA1-04	1/2	60	4.5 or less	36	98	30	24
INA-25-88	3/4	160		110	127	33	30
ANA1-10	1	160	12.0 or less	180	132	50	41
ANA1-12	1 1/4	280	20.0 or less	544	200	74	60
ANA1-14	1 1/2	450	32.0 or less	612	230	74	60
ANA1-20	2	610	45.0 or less	873	271	86	70

Construction/Parts/Dimensions



Note 1) About the display of product's material
PBT: Polybutylene terephthalate SWCH: Carbon steel
PVF: Polyvinyl formal PP: Polypropylene
ADC: Aluminum alloy SPCC: Carbon steel
Note 2) Recommended flow rate is the flow at 0.5 MPa in the inlet

Specifications

Fluid	Compressed air
Max. operating pressure Note)	1.0 MPa
Noise reduction	40 dB (A)
Ambient and fluid temperature	5 to 60°C

Note) It indicates the inlet pressure for solenoid valve.

Silencer, High Noise Reduction Type Series AN□02

How to Order

Over 35 dB (A) noise reduction
Case adopts UL94-V0 grade
Flame resistant material



JIS Symbol

AN 402 – 04

Body size

202
302
402

Port size

02	1/4
03	3/8
04	1/2

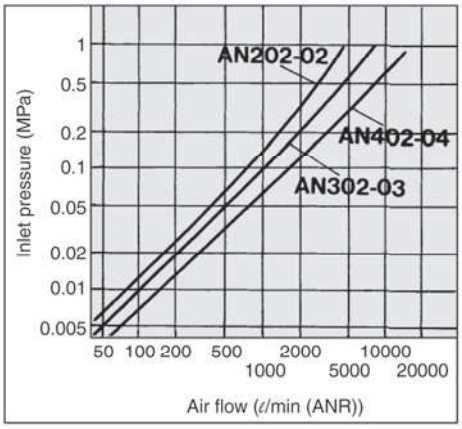
Specifications

Fluid	Compressed air
Max. operating pressure (1)	1.0 MPa
Noise reduction	35 dB (A)
Ambient and fluid temperature	5 to 60°C (2)

Note 1) It indicates the inlet pressure for solenoid valve.
Note 2) It can operate in temperature between –10 to 60°C if there is no risk of the moisture in the air freezing.

Flow Characteristics (Initial conditions)

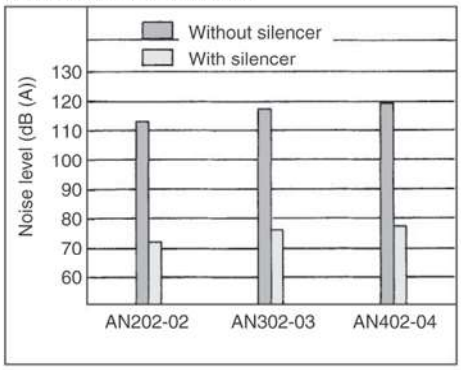
AN202 to 402



Noise Level (Initial conditions)

AN202 to 402

Condition: 0.5 MPa at inlet pressure of solenoid valve
Measurement distance: 1 m

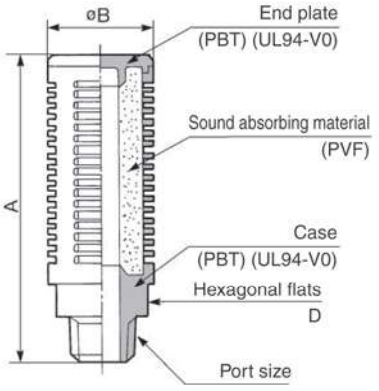


Model

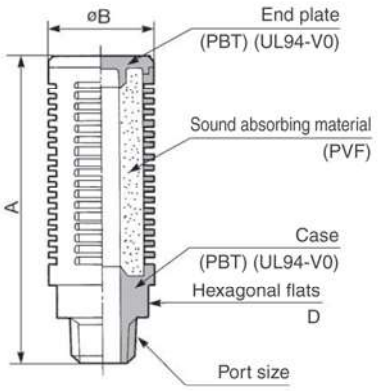
Model	Port size R	Effective area (mm²)	Recommended flow (m³/min (ANR))	Weight (g)	Dimensions (mm)		
					A	B	D
AN202-02	1/4	35	3 or less	16	64	22	19
AN302-03	3/8	60	5 or less	33	84	28	24
AN402-04	1/2	90	8 or less	47	95	34	24

Construction/Parts/Dimensions

AN202



AN302/402



Note 1) About the display of product's material
PBT : Polybutylene terephthalate
PVF : Polyvinyl formal
Note 2) Recommended flow rate is the flow at 0.5 MPa in the inlet pressure.

Exhaust Cleaner Series AMC

How to Order

Ensures clean plant air and reduces noise pollution;
Over 35 dB (A) noise reduction
Over 99.9% oil mist removal

AMC 5 1 0 – [ ] 06 [ ]

Body size

3	3/8 std.
5	3/4 std.
6	1 std.
8	1 1/2 std.
9	2 std.

Thread

1	Male thread
2 (1)	Female thread

Note 1) Female thread: Available only AMC220, 320, 520.

Thread type

F	G

Suffix

B	With bracket
D (2)	Drain piping (Except AMC220)

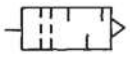
* Indicate "BD" if both are required.
Note 2) On the AMC220, an R 1/4 fittinng can be attached by removing the drain cock. (It be comes the drain piping type.

Port size

03	Female	3/8
	Male	
04	Female	1/2
06	Female	3/4
	Male	
10	Male	1
14	Male	1 1/2
20	Male	1



JIS Symbol



Specifications

Fluid	Compressed air
Ambient and fluid temperature	5 to 60°C *
Element inlet pressure	0.1 MPa or less
Noise reduction	35 dB or more
Oil mist removal	99.9% or more
Exhaust of oil mist	Drain cock (Standard) Drain piping
Option	Bracket **

* It can operate in temperatures between −10 to 60°C if there is no risk of freezing the moisture in the air.
** Bracket not available on AMC810 and 910.

Model/Male Thread Type

Specifications \ Model	AMC310	AMC510	AMC610	AMC810	AMC910
Effective area (mm²)	16	55	165	330	550
Max. air flow (ℓ/min(ANR))	300	1,000	3,000	6,000	10,000
Port size	3/8	3/4	1	1 1/2	2
Weight (kg)	0.2	0.5	0.7	1.2	1.7
Element model no.	AMC-EL3	AMC-EL5	AMC-EL6	AMC-EL8	AMC-EL9
Bracket model no.	BE30	BE50	BE60	—	—

* ANR: 20°C atmospheric pressure, relative humidity 65%

Model/Female Thread Type

Specifications \ Model	AMC220	AMC320	AMC520
Effective area (mm²)	12	16	55
Max. air flow (ℓ/min(ANR))	200	300	1,000
Port size	1/4	1/4, 3/8	1/2, 3/4
Weight (kg)	0.12	0.2	0.5
Element model no.	AMC-EL2	AMC-EL3	AMC-EL5
Bracket model no.	BE20	BE30	BE50

* ANR: 20°C atmospheric pressure, relative humidity 65%