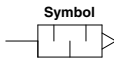


Silencer

Compact Resin Type/Male Thread

AN05 to 40 Series

RoHS



How to Order

AN

20

-

02

Body size

Thread type

Thread connection port size

Symbol

05

10

15

20

30

40

M thread

R

NPT

Symbol

Port size

Applicable model

M5

M5 x 0.8

AN05

01

1/8

AN10

02

1/4

AN15/20

03

3/8

AN30

04

1/2

AN40

Specifications

Fluid	Compressed air
Max. operating pressure ^{Note 1)}	1.0 MPa
Noise reduction	30 dB(A) ^{Note 2)}
Ambient and fluid temperature	5 to 60°C ^{Note 3)}

Note 1) It indicates the inlet pressure for solenoid valve.

Note 2) The value may vary, depending on the pneumatic circuit or pressure that is exhausted from the solenoid valve.

Note 3) The product can be used in temperatures -10 to 60°C if there is no risk of water droplets forming and freezing.

Refer to page 1203 for Precautions on these products.

Performance

Model	Effective area mm ²	Sonic conductance C [dm ³ /(s·bar)]	Recommended flow m ³ /min(ANR)	Weight g
AN05-M5	5	1	0.4 or less	0.5
AN10-01	10	2	0.8 or less	1
AN15-02	15	3	1.0 or less	2.5
AN20-02	35	7	3.0 or less	4
AN30-03	60	12	5.0 or less	5.5
AN40-04	90	18	8.0 or less	8.5

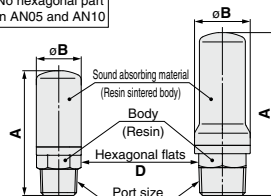
Note) Recommended flow rate is the flow at 0.5 MPa in the inlet pressure.

Construction/Parts/Dimensions

AN05/10/20

AN15/30/40

No hexagonal part
in AN05 and AN10



Dimensions

Model	Port size R, NPT	A	B	D
AN05-M5	M5 x 0.8	15	6.5	—
AN10-01	1/8	23	11	—
AN15-02	1/4	32	16	14
AN20-02	1/4	45	16.5	14
AN30-03	3/8	58.5	20	17
AN40-04	1/2	68	24	21