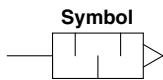


# Silencer BC Sintered Body Type AN Series

RoHS

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



## Specifications/Model

Specifications	Model				
	AN101-01	AN110-01	AN120-M3	AN120-M5	
Port size <sup>(1)</sup>	R 1/8	R 1/8	M3	M5	
Noise reduction (dB (A)) <sup>(3)</sup>	16	21	13	18	
Fluid	Compressed air				
Max. operating pressure <sup>(2)</sup>	1.0 MPa				
Ambient and fluid temperature	5 to 150°C <sup>(4)</sup>				
Effective area (mm <sup>2</sup> )	20	35	1	5	
Sonic conductance C [dm <sup>3</sup> /(s·bar)]	4	7	0.2	1	
Recommended flow (m <sup>3</sup> /min (ANR)) <sup>(5)</sup>	1.6 or less	2.7 or less	0.08 or less	0.4 or less	
Weight (g)	8.3	17	1	3.4	
Dimensions (mm)	A	21	34	9	15.5
	B	11	13	6	8

Note 1) NPT thread for AN101 and AN110 is also available. Model no. of NPT thread is AN101-N01 and AN110-N01.

Note 2) It indicates the inlet pressure for solenoid valve.

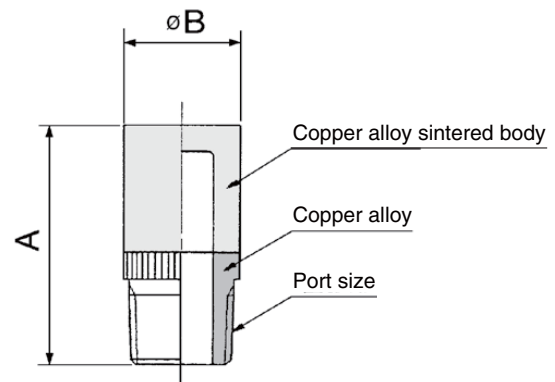
Note 3) The value may vary, depending on the pneumatic circuit or pressure that is exhausted from the solenoid valve.

Note 4) It can operate in temperatures between -10 to 150°C if there is no risk of the moisture in the air freezing.

Note 5) Recommended flow rate is the flow at 0.5 MPa in the inlet pressure.

Refer to page 826 for Precautions on these products.

## Construction/Parts/Dimensions



Note) Surface treatment: Nickel plated