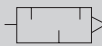


Silencer: Miniature

SLM Series

Compact with a noise reduction effect of 20 dB [A] and over

JIS symbol



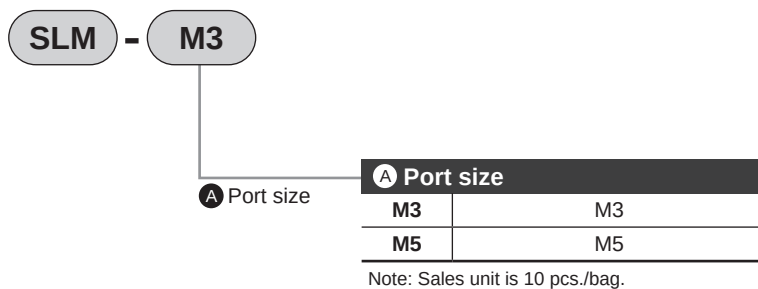
Specifications

Item	SLM-M3	SLM-M5
Working fluid	Compressed air	
Max. working pressure MPa	1.0 (≈150 psi, 10 bar)	
Min. working pressure MPa	0 (≈0 psi, 0 bar)	
Proof pressure MPa	1.5 (≈220 psi, 15 bar)	
Fluid temperature °C	5 (41°F) to 60 (140°F) (no freezing. *2)	
Ambient temperature °C	-10 (14°F) to 60 (140°F) (no freezing)	
Port size	M3	M5
Weight g	1.0	3.0
Cylinder bore mm	ø6 or less	ø6 to ø15
Noise reduction effect dB [A]	20 or more	
Flow rate *1) ℓ/min(ANR)	60	350
Effective cross-sectional area mm ²	1	5

*1: Flow rate is the atmospheric pressure conversion at 0.5 MPa.

*2: Freezing may occur due to adiabatic expansion depending on the air quality (dew point).

How to order



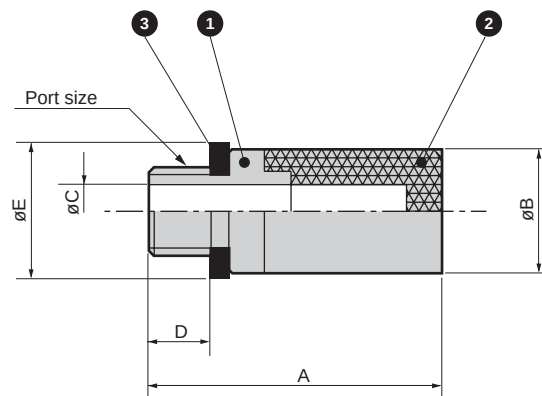
! Safety precautions

- Use tightening torque equivalent to the tightening strength of a human hand.
(Refer to the table below for tightening torque guidelines.)

Thread size	Tightening torque (N·m)
M3	0.1 to 0.15
M5	0.2 to 0.25

- Avoid use in areas with large vibration or impact.
Provide measures against loosening in such areas.

Dimensions and internal structure



No.	Part name	Material	Color
1	Body	Copper alloy	Silver
2	Element	Copper alloy sintering	Silver
3	Gasket	Nitrile rubber + steel	—

Model No.	A	B	C	D	E	Port size
SLM-M3	9	5.5	1.4	2.6	4.9	M3×0.5
SLM-M5	16.5	7	3	3.4	7.8	M5×0.8