

GBSL, GBSLM, GBESL series

Ordering code

GBSL 01

① ②

① Silencer Type	② Thread connection
GBSL: Universal silencer(G thread)	M5 : M5X0.8
GBSLM: Mini Silencer(G thread)	01 : G1/8
GBESL: Throttling silencer(G thread)	02 : G1/4
	03 : G3/8
	04 : G1/2

Product feature

1. This silencers have excellent noise silencing performance.
2. The installation of the silencer is simple and convenient, and the connecting portion is reliable and durable.
3. It is easy to adjust the exhaust flow of the throttling type silencer.

Configuration table of tubing thread

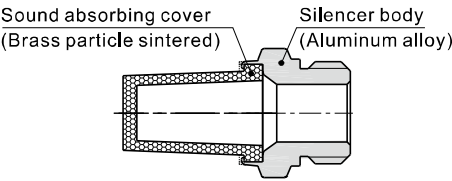
Product series	Thread connection				
	M5	01	02	03	04
GBSL	•	•	•	•	•
GBSLM	•	•	•	•	•
GBESL		•	•	•	•

Specification

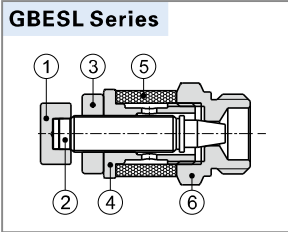
Model	GBSLM5	GBSL01	GBSL02	GBSL03	GBSL04	GBSLMM5	GBSLM01	GBSLM02	GBSLM03	GBSLM04
Thread connection	M5×0.8	G1/8	G1/4	G3/8	G1/2	M5×0.8	G1/8	G1/4	G3/8	G1/2
Silencing effect(dB)(0.5MPa)	13	13	13	13	13	13	13	13	13	13
Model	GBESL01	GBESL02	GBESL03	GBESL04						
Thread connection	G1/8	G1/4	G3/8	G1/2						
Silencing effect(dB)(0.5MPa)	13	13	13	13						
Operating pressure	0~10kgf/cm ² (0~1.0MPa)									
Negative pressure	-750mmHg(10Torr)									
Proof pressure	1.5MPa									
Temperature range	-20~70℃									

Inner structure

GBSL Series



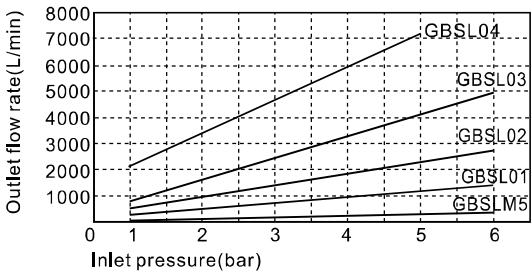
GBESL Series



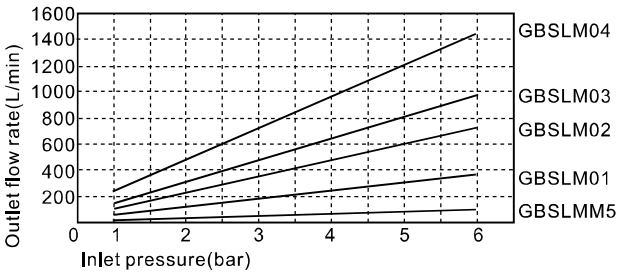
NO.	Name	Material
1	Adjusting cap	Aluminum alloy
2	Throttling column	Aluminum alloy
3	Locking cap	Aluminum alloy
4	Locking ring	Aluminum alloy
5	Silencer ring	Brass particle sintered
6	Silencer body	Aluminum alloy

Flowrate characteristic

GBSL Series



GBSLM Series



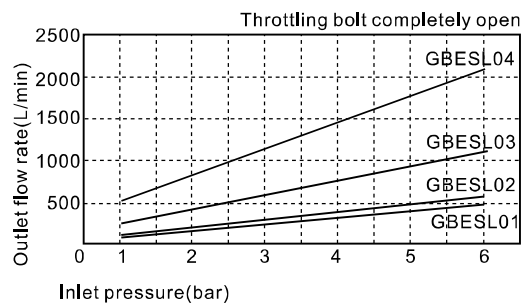
Accessories——Silencers



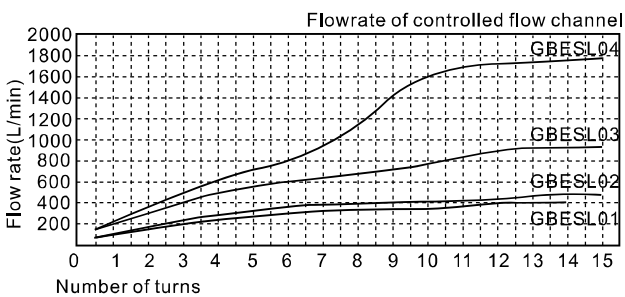
GBSL, GBSLM, GBESL series

Flowrate characteristic

GBESL Series (Inlet pressure and outlet flow rate)

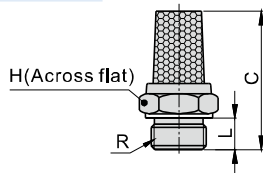


GBESL Series



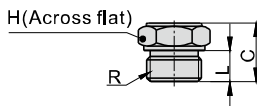
Dimensions

GBSL Series



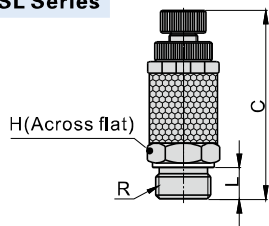
Model\Item	R	L	C	H	Weight(g)	PCS/bag
GBSLM5	M5×0.8	3.5	19.5	8	2.9	10
GBSL01	G1/8	5.5	24	12	6.8	10
GBSL02	G1/4	6.5	29.5	15	11.3	10
GBSL03	G3/8	7	37.5	19	21.1	10
GBSL04	G1/2	8.5	45	22	33.6	10

GBSLM Series



Model\Item	R	L	C	H	Weight(g)	PCS/bag
GBSLMM5	M5×0.8	3.5	9.5	8	2.3	10
GBSLM01	G1/8	5.5	11	11	4.4	10
GBSLM02	G1/4	6.5	13	15	8.1	10
GBSLM03	G3/8	7	14.5	19	14.9	10
GBSLM04	G1/2	8.5	17.5	22	24.5	10

GBESL Series



Model\Item	R	L	C		H	Weight(g)	PCS/bag
			max	min			
GBESL01	G1/8	5.5	40.5	33	12	10.1	10
GBESL02	G1/4	6.5	42	34.5	14	17.9	10
GBESL03	G3/8	7	48	40.5	17	30.3	10
GBESL04	G1/2	8.5	58.5	51	24	68.6	10

Plug-in Silencer

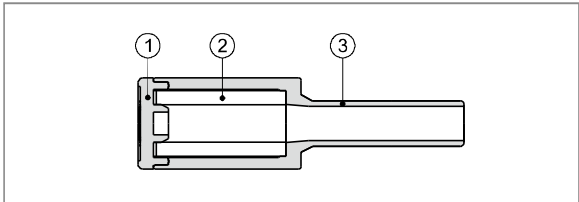
PPA Series



Product feature

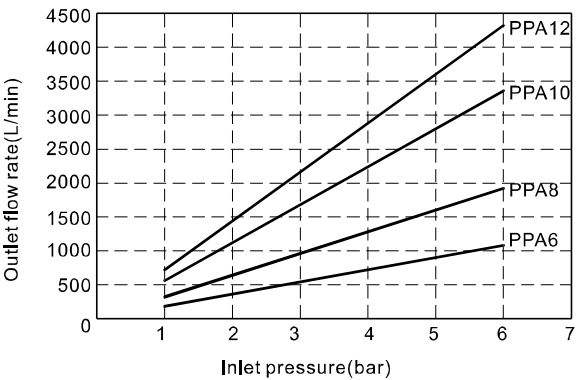
- 1. Full resin, excellent noise reduction and suitable for copper free environment.
- 2. Plug-in design, mount quickly and easily.

Inner structure and material of major parts



NO.	Name	Material
1	Cap	POM
2	Silencer filter	PE
3	Body	POM

Flowrate characteristic



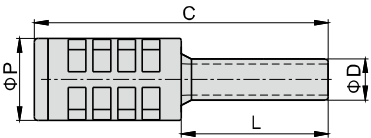
Specification

Model	PPA6	PPA8	PPA10	PPA12
Silencing effect(dB)(0.5MPa)	25	25	25	25
Operating pressure	0 ~ 10kgf/cm ² (0 ~ 1.0MPa)			
Negative pressure	-750mmHg(10Torr)			
Proof pressure	1.5MPa			
Temperature range	-20 ~ 70°C			

Ordering code

PPA 6	
① Silencer Type	② Thread connection
PPA: Plug-in Silencer	6: Φ6 8: Φ8 10: Φ10 12: Φ12

Dimensions



Model\Item	C(Lenght)	D	L	P	Weight(g)
PPA6	43	6	21.5	12	2.0
PPA8	45	8	23	14	2.9
PPA10	61.5	10	26	16	5.3
PPA12	71.5	12	28	20	9.8