

BSL, BSLM, BESL series



Ordering code

BSL 01 - S

① ② ③

① Silencer Type

BSL: Universal silencer
BSLM: Mini Silencer
BESL: Throttling silencer

② Thread connection

M5: M5X0.8
01: PT1/8
02: PT1/4
03: PT3/8
04: PT1/2

③ Material

S: Stainless steel 304

Configuration table of tubing thread

Product series	Thread connection				
	M5	01	02	03	04
BSL	●	●	●	●	●
BSLM	●	●	●	●	●
BESL		●	●	●	●

Product feature

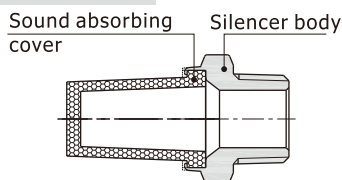
1. Stainless steel 304 material can be used in prohibiting copper condition.
2. This silencers have excellent noise silencing performance.
3. The installation of the silencer is simple and convenient, and the connecting portion is reliable and durable.
4. It is easy to adjust the exhaust flow of the throttling type silencer.

Specification

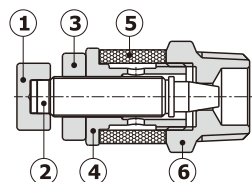
Model	BSLM5	BSL01	BSL02	BSL03	BSL04	BSLMM5	BSLM01	BSLM02	BSLM03	BSLM04
Thread connection	M5×0.8	PT1/8	PT1/4	PT3/8	PT1/2	M5×0.8	PT1/8	PT1/4	PT3/8	PT1/2
Silencing effect(dB)(0.5MPa)	15	20	20	20	20	15	20	20	20	20
Model	BESL01	BESL02	BESL03	BESL04						
Thread connection	PT1/8	PT1/4	PT3/8	PT1/2						
Silencing effect(dB)(0.5MPa)	20	20	20	20						
Operating pressure	0~10kgf/cm ² (0~1.0MPa)									
Negative pressure	-750mmHg(10Torr)									
Proof pressure	1.5MPa									
Temperature range	-20~70℃									

Inner structure

BSL Series



BESL Series

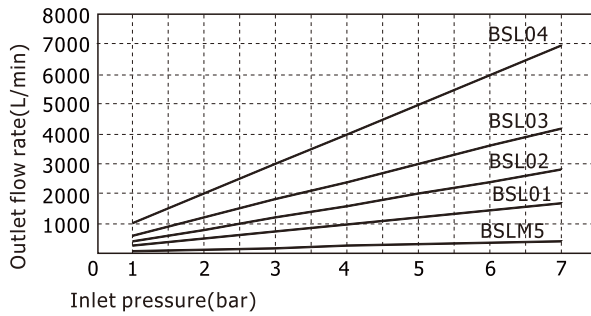


NO.	Name	NO.	Name
1	Adjusting cap	4	Locking ring
2	Throttling column	5	Silencer ring
3	Locking cap	6	Silencer body

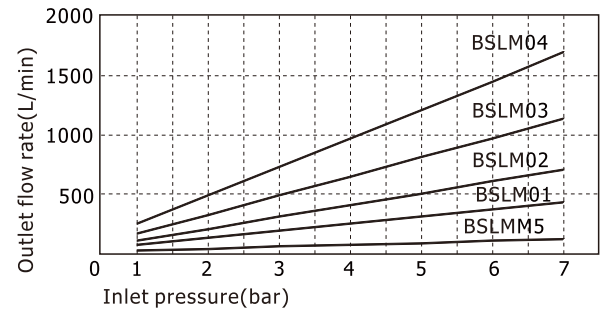
BSL, BSLM, BESL series

Flowrate characteristic

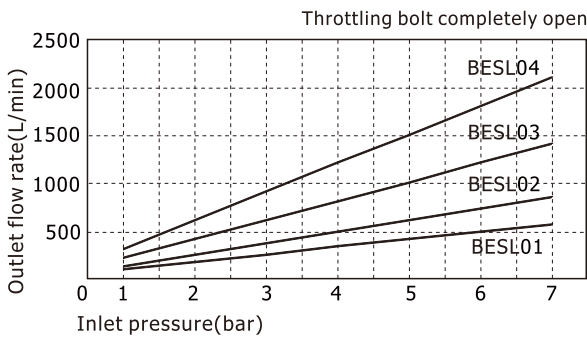
BSL Series



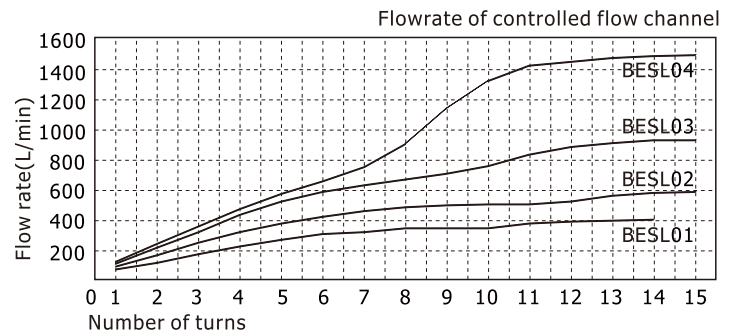
BSLM Series



BESL Series (Inlet pressure and outlet flow rate)

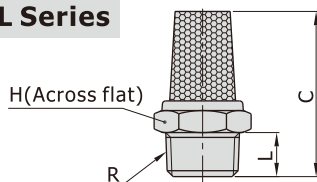


BESL Series



Dimensions

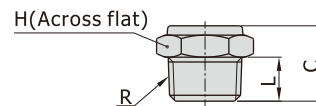
BSL Series



[Unit: mm]

Model\Item	R	L	C	H	Weight(g)
BSLM5-S	M5×0.8	3.5	19.5	8	2.5
BSL01-S	PT1/8	6	24	12	7
BSL02-S	PT1/4	8	30	15	14
BSL03-S	PT3/8	9	38.5	19	24.5
BSL04-S	PT1/2	10.5	46	22	37.5

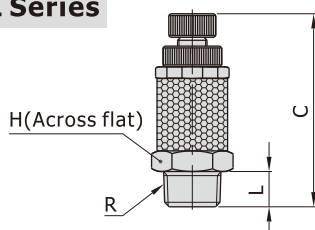
BSLM Series



[Unit: mm]

Model\Item	R	L	C	H	Weight(g)
BSLMM5-S	M5×0.8	3.5	9.5	8	2.5
BSLM01-S	PT1/8	6	11	12	5
BSLM02-S	PT1/4	8	13.5	15	9
BSLM03-S	PT3/8	9	15.5	19	15
BSLM04-S	PT1/2	10.5	19	22	25.5

BESL Series



[Unit: mm]

Model\Item	R	L	C		H	Weight(g)
			max	min		
BESL01-S	PT1/8	6	40.5	33	12	11.5
BESL02-S	PT1/4	8	42.5	35	14	17
BESL03-S	PT3/8	9	49	41.5	17	30
BESL04-S	PT1/2	10.5	59.5	52	24	66