

SSBM-Series, Stainless Steel Exhaust Muffler



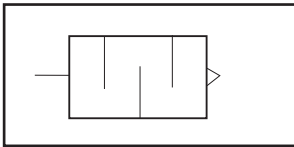
SSBM-Series mufflers are constructed with 300-Series stainless steel materials, they are resistant to atmospheric corrosion, foodstuffs, sterilizing solutions, many organic chemicals, dyestuffs and a wide variety of inorganic chemicals.

These compact mufflers are furnished with standard male pipe thread connection, they are easy to install and maintain, particularly suitable for confined area. They are used to diffuse air and muffle noise from the exhaust ports of air valves, air cylinders and air tools to an acceptable level within OSHA noise requirement.

SSBM-Series mufflers can also be used as filters for gasoline, various chemical solutions, oil and air exhaust and intake filtering, coalescing of oil mist or water vapor, etc.; cryogenic phase separation; pressure of vacuum equalization and many others.

Unit should be mounted in a protective position free from excessive vibration. Use wrench on hex head to tighten unit to the device. All units contain 70-micron filter element.

Symbol

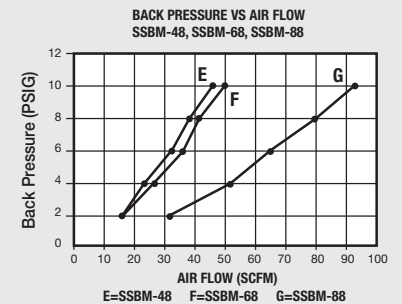
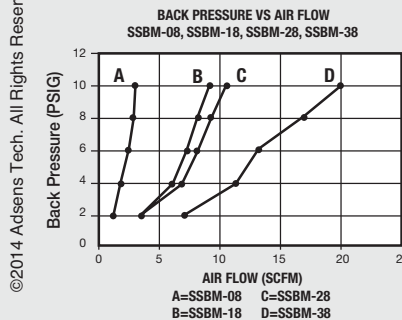


HOW TO ORDER

SSBM
Stainless
Steel
Exhaust
Muffler

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Connection (NPTM)
08 = 10-32UNF
18 = 1/8", 28 = 1/4"
38 = 3/8", 48 = 1/2"
68 = 3/4", 88 = 1"

FLOW CHARACTERISTICS - S.S. EXHAUST MUFFLER



SPECIFICATIONS

* All tests are performed by Consolidated Laboratories, Inc.

ITEM	MODEL	SSBM-08	SSBM-18	SSBM-28	SSBM-38	SSBM-48	SSBM-68	SSBM-88
CONNECTION	NPTM	10-32 UNF	1/8"	1/4"	3/8"	1/2"	3/4"	1"
OVERALL LENGTH	IN.	51/64"	1-3/32"	1-3/8"	1-7/8"	2-1/4"	2-51/64"	3-11/64"
HEX	IN.	5/16"	1/2"	5/8"	3/4"	15/16"	1-1/8"	1-1/2"
MATERIAL	BODY	SUS303 STAINLESS STEEL						
	ELEMENT	SUS316 STAINLESS STEEL (70 micron)						
MAX OPERATING PRESSURE		300 PSI (21.1 kg/cm ²)						
OPERATING TEMPERATURE		35° ~ 392°F (1.6° ~ 200°C)						
WEIGHT (APPROX.)	OZ.	0.13	0.53	0.88	1.34	2.13	3.72	6.32
UNIT PACK	EA.	5	5	5	2	2	1	1

SOUND CHARACTERISTICS - STAINLESS STEEL EXHAUST MUFFLER

BACK PRESSURE (PSIG)	SSBM-08			SSBM-18			SSBM-28			SSBM-38			SSBM-48			SSBM-68			SSBM-88		
	FLOW (SCFM)	db		FLOW (SCFM)	db		FLOW (SCFM)	db		FLOW (SCFM)	db		FLOW (SCFM)	db		FLOW (SCFM)	db		FLOW (SCFM)	db	
2	0.9	60.0		3.4	60.0		3.4	60.5		7.0	60.0		15.0	60.0		15.0	64.0		31.0	68.0	
4	1.2	60.0		5.2	60.5		5.4	61.5		11.0	60.5		24.0	62.0		25.0	65.0		51.0	75.0	
6	1.7	60.0		6.8	61.0		7.1	62.0		13.0	61.0		31.0	63.5		32.0	66.0		65.0	79.0	
8	1.9	60.0		8.1	61.5		8.7	62.5		17.0	62.0		38.5	65.5		40.0	67.0		79.5	81.0	
10	2.2	60.0		9.5	62.0		10.4	63.0		20.0	62.5		45.0	67.0		50.0	67.5		93.0	82.5	

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