SSBM-Series, Stainless Steel Exhaust Muffler



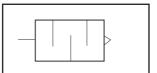
SSBM-Series mufflers are constructed with 300-Series stainless steel materials, they are resistant to atmospheric corrosion, foodstuffs, sterilizing solutions, many organic chemicals, dyestuffs and a wide variety of inorganic chemicals.

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

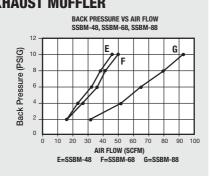
SSBM

Stainless Connection (NPTM)
Steel 08 = 10-32UNF

Exhaust 18 = 1/8", 28 = 1/4" Muffler 38 = 3/8", 48 = 1/2"

68 = 3/4", 88 = 1"

FLOW CHARACTERISTICS - S.S. EXHAUST MUFFLER BACK PRESSURE VS AIR FLOW SSBM-08, SSBM-18, SSBM-28, SSBM-38 BACK PRESS SSBM-48, S BACK PRESS BACK PRESS SSBM-48, S BACK PRESS BACK PRESS BACK PRESS BACK PRESS SSBM-48, S BACK PRESS BACK PRESS SSBM-48, S BACK PRESS BACK P



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 NP		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

	SSBM-08		SSBM-18		SSBM-28		SSBM-38		SSBM-48		SSBM-68		SSBM-88	
BACK PRESSURE (PSIG)	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
	PRESSURE (PSIG) 2 4 6 8	BACK PRESSURE (PSIG) 2 0.9 4 1.2 6 1.7 8 1.9	BACK PRESSURE (PSIG) FLOW (SCFM) db 2 0.9 60.0 4 1.2 60.0 6 1.7 60.0 8 1.9 60.0	BACK PRESSURE (PSIG) FLOW (SCFM) db FLOW (SCFM) 2 0.9 60.0 3.4 4 1.2 60.0 5.2 6 1.7 60.0 6.8 8 1.9 60.0 8.1	BACK PRESSURE (PSIG) FLOW (SCFM) db FLOW (SCFM) db 2 0.9 60.0 3.4 60.0 4 1.2 60.0 5.2 60.5 6 1.7 60.0 6.8 61.0 8 1.9 60.0 8.1 61.5	BACK PRESSURE (PSIG) FLOW (SCFM) db FLOW (SCFM) db FLOW (SCFM) 2 0.9 60.0 3.4 60.0 3.4 4 1.2 60.0 5.2 60.5 5.4 6 1.7 60.0 6.8 61.0 7.1 8 1.9 60.0 8.1 61.5 8.7	BACK PRESSURE (PSIG) FLOW (SCFM) db FLOW (SCFM) db FLOW (SCFM) db 2 0.9 60.0 3.4 60.0 3.4 60.5 4 1.2 60.0 5.2 60.5 5.4 61.5 6 1.7 60.0 6.8 61.0 7.1 62.0 8 1.9 60.0 8.1 61.5 8.7 62.5	BACK PRESSURE (PSIG) FLOW (SCFM) db FLOW (SCFM) db FLOW (SCFM) db FLOW (SCFM) 2 0.9 60.0 3.4 60.0 3.4 60.5 7.0 4 1.2 60.0 5.2 60.5 5.4 61.5 11.0 6 1.7 60.0 6.8 61.0 7.1 62.0 13.0 8 1.9 60.0 8.1 61.5 8.7 62.5 17.0	BACK PRESSURE (PSIG) FLOW (SCFM) db GE.0 db FLOW (SCFM) db GE.0 db GE.0 A GE.0	BACK PRESSURE (PSIG) FLOW (SCFM) db FLOW (SCFM) db FLOW (SCFM) db FLOW (SCFM) db FLOW (SCFM) 2 0.9 60.0 3.4 60.0 3.4 60.5 7.0 60.0 15.0 4 1.2 60.0 5.2 60.5 5.4 61.5 11.0 60.5 24.0 6 1.7 60.0 6.8 61.0 7.1 62.0 13.0 61.0 31.0 8 1.9 60.0 8.1 61.5 8.7 62.5 17.0 62.0 38.5	BACK PRESSURE (PSIG) FLOW (SCFM) db GO 0 60.0 <	BACK PRESSURE (PSIG) FLOW (SCFM) db CSCFM) db CSCFM) db <td>BACK PRESSURE (PSIG) FLOW (SCFM) db CFLOW (SCFM) db CFLOW (SCFM) db CFLOW (SCFM) db CFLOW (SCFM)</td> <td>BACK PRESSURE (PSIG) FLOW (SCFM) db CFLOW (SCFM) db CFLOW (SCFM)</td>	BACK PRESSURE (PSIG) FLOW (SCFM) db CFLOW (SCFM) db CFLOW (SCFM) db CFLOW (SCFM) db CFLOW (SCFM)	BACK PRESSURE (PSIG) FLOW (SCFM) db CFLOW (SCFM) db CFLOW (SCFM)

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