

BM-Series Sintered Bronze Exhaust Muffler

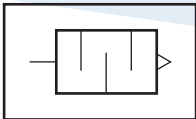
BM-Series muffler utilize porous sintered bronze filter element secured to standard pipe fittings. These compact and inexpensive mufflers are easy to install and maintain, particularly suitable where space is limited. They are used to diffuse air and muffler noise from the exhaust ports of air valves, air cylinders and air tools to an acceptable level within OSHA noise requirements.

BM-Series mufflers can also be used as filters for gasoline, oil and air exhaust and intake filtering; coalescing of oil mist or water vapor; 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. Standard unit contains a 40 micron element, and 10 or 90 micron units are available on special order.



SYMBOL



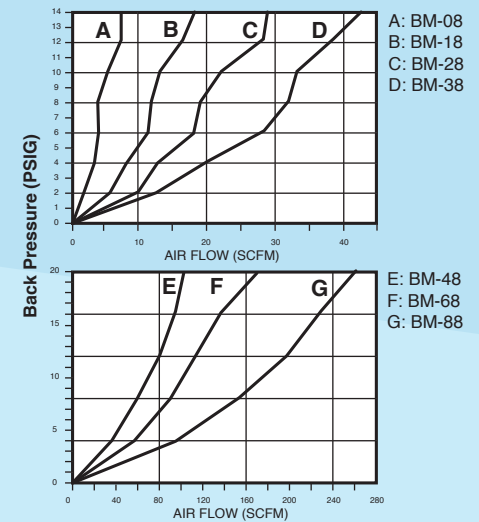
California Proposition 65 Warning

WARNING: This product can expose you to chemicals, including lead, which is known to the state of California to cause Cancer, Birth Defects or other reproductive harm. For more information go to www.p65warnings.ca.gov

HOW TO ORDER

BM	□ □	□ □	□ □
Bronze Muffler	Connection	Port Option	Element Porosity
(Brass Fitting)	08 = 10-32, 16 = 1/16"	None = NPT	None = 40um
	18 = 1/8", 28 = 1/4"	P = BSPT	10 = 10um
	38 = 3/8", 48 = 1/2"	G = BSPP	90 = 90um
	68 = 3/4", 88 = 1"		

FLOW CHARACTERISTICS PNEUMATIC EXHAUST MUFFLER



SPECIFICATIONS

ITEM	MODEL	BM-08	BM-16	BM-18	BM-28	BM-38	BM-48	BM-68	BM-88
CONNECTION	NPTM	10-32UNF	1/16"-27	1/8"-27	1/4"-18	3/8"-18	1/2"-14	3/4"-14	1"-11.5"
OVERALL LENGTH	IN.	3/4"	53/64"	29/32"	1-5/16"	1-17/32"	1-57/64"	2-9/32"	2-57/64"
HEX	IN.	5/16"	3/8"	7/16"	9/16"	11/16"	7/8"	1-9/64"	1-11/32"
MATERIAL	BODY	BRASS							
	ELEMENT	SINTERED BRONZE (40 micron standard, also available in 10 or 90 micron)							
MAX OPERATING PRESSURE		300 PSI (21.1 kg/cm ²)							
OPERATING TEMPERATURE		35°~ 300°F (1.6°~149°C)							
WEIGHT (APPROX.)	OZ.	0.12	0.15	0.26	0.56	0.93	1.47	2.96	4.16
UNIT PACK	EA.	10	10	10	10	10	5	1	1

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SOUND CHARACTERISTICS - PNEUMATIC EXHAUST MUFFLER

BACK PRESSURE (PSIG)	BM-08			BM-18			BM-28			BM-38			BM-48			BM-68			BM-88		
	FLOW (SCFM)	db		FLOW (SCFM)	db		FLOW (SCFM)	db		FLOW (SCFM)	db		FLOW (SCFM)	db		FLOW (SCFM)	db		FLOW (SCFM)	db	
2	1.1	72		7	72		10	73		12	74		26.6	75		39.4	76		67	93	
4	2.3	72		9	73		12	74		20	74		39.5	76		62.0	80		104	95	
6	3.6	72		11	73		17	74		26	74		49.9	77		80.7	88		134	97	
8	5.0	73		12	73		19	74		31	75		60.9	80		97.0	93		154	100	
10	5.2	73		13	74		23	75		35	76		71.3	86		110.2	97		210	102	
12	7.4	74		15	74		23	75		39	76		79.5	87		121.3	97		210	102	
14	8.0	74		17	75		29	76		43	77		86.6	90		136.9	98		231	105	
16	----	----		----	----		----	----		----	----		93.9	92		144.5	99		231	105	
18	----	----		----	----		----	----		----	----		102.8	95		160.9	100		246	105	
20	----	----		----	----		----	----		----	----		107.5	95		169.1	100		261	105	

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*All tests are performed by Consolidated Laboratories, Inc.

BM-Series Sintered Bronze Exhaust Muffler



Lower cost zinc - plated steel fitting

HOW TO ORDER

BMS

Bronze Muffler Connection **Port Option**
(Steel Fitting) 18 = 1/8", 28 = 1/4" None = NPT
 38 = 3/8", 48 = 1/2" P = BSPT
 68 = 3/4", 88 = 1"
 128 = 1-1/4", 148 = 1-1/2"
 200 = 2"

SPECIFICATIONS

ITEM	MODEL	BMS-18	BMS-28	BMS-38	BMS-48	BMS-68	BMS-88	BMS-128	BMS-148	BMS-200
CONNECTION	NPTM	1/8"-27	1/4"-18	3/8"-18	1/2"-14	3/4"-14	1"-11.5	1-1/4"-11.5	1-1/2"-11.5	2"-11.5
OVERALL LENGTH	IN.	29/32"	1-5/16"	1-17/32"	1-57/64"	2-9/32"	2-57/64"	3-15/32"	4"	4-9/16"
HEX	IN.	7/16"	9/16"	11/16"	7/8"	1-9/64"	1-11/32"	1-3/4"	1-31/32"	2-3/8"
MATERIAL	BODY	ZINC-PLATED STEEL (Zn-Fe)								
	ELEMENT	SINTERED BRONZE (40 micro standard only)								
MAX OPERATING PRESSURE		300 PSI (21.1 kg/cm ²)								
OPERATING TEMPERATURE		35° ~ 300°F (1.6° ~ 149°C)								
WEIGHT (APPROX.)	OZ.	0.26	0.51	0.89	1.50	2.98	4.70	9.31	12.91	17.60
UNIT PACK	EA.	10	10	10	5	1	1	1	1	1



HOW TO ORDER

BM

Bronze Muffler **SAE#**
(Brass Fitting) Connection (SAE)
 4 = 7/16"-20, 6 = 9/16"-18
 8 = 3/4"-16, 12 = 1-1/16"-12

SPECIFICATIONS

ITEM	MODEL	BM-SAE#4	BM-SAE#6	BM-SAE#8	BM-SAE#12
CONNECTION	SAE	7/16"-20	9/16"-18	3/4"-16	1-1/16"-12
OVERALL LENGTH	IN.	1-11/32"	1-17/32"	1-55/64"	2-29/32"
HEX	IN.	9/16"	11/16"	7/8"	1-11/32"
MATERIAL	BODY	BRASS			
	ELEMENT	SINTERED BRONZE (40 micron)			
MAX OPERATING PRESSURE		300 PSI (21.0 kg/cm ²)			
OPERATING TEMPERATURE		35° ~ 300°F (1.6° ~ 149°C)			
WEIGHT (APPROX.)	OZ.	0.60	0.95	1.55	5.05
UNIT PACK	EA.	50	50	50	50