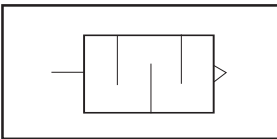


PNEUMATIC EXHAUST MUFFLER

BM-SERIES



Symbol



BM-Series mufflers 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 muffle noise from the exhaust ports of air valves, air cylinders and air tools to an acceptable level within OSHA noise requirements.

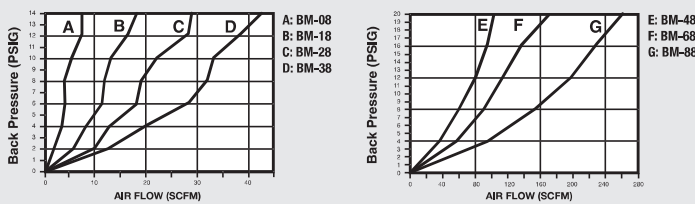
BM-Series mufflers can also be used as filters for gasoline, oil and air exhaust and intake filtering; coalescing of oil mist or water vapor; cryogenic phase separation; pressure of vacuum equalization and many others.

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.

HOW TO ORDER

BM	—	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bronze Muffler		Connection (NPTM)		Port Option
		08=10-32 UNF,	18=1/8"	None=NPT
		28=1/4",	38=3/8"	P=BSPT
		48=1/2",	68=3/4"	G=BSPP
		88=1",	128=1-1/4"	
		148=1-1/2"		

FLOW CHARACTERISTICS - PNEUMATIC EXHAUST MUFFLER



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SPECIFICATIONS

ITEM	MODEL	BM-08	BM-18	BM-28	BM-38	BM-48	BM-68	BM-88	BM-128	BM-148
CONNECTION	NPTM	10-32UNF	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"
OVERALL LENGTH	IN.	3/4"	29/32"	1-5/16"	1-9/16"	1-7/8"	2-9/32"	2-57/64"	3-7/16"	4"
HEX	IN.	5/16"	7/16"	9/16"	11/16"	7/8"	1-9/64"	1-11/32"	1-3/4"	2"
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)								
OPERATION TEMPERATURE		35°F TO 300°F (1.6°C to 149°C)								
WEIGHT (APPROX.)	Oz.	0.16	0.26	0.56	0.93	1.47	2.96	4.16	9.5	13.75
UNIT PACK	EA.	10	10	10	10	5	1	1	1	1

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	96	181	101
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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PNEUMATIC EXHAUST MUFFLER

BM-SERIES

HOW TO ORDER

BMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bronze Muffler	<u>Connection (NPTM)</u>		<u>Port Option</u>		<u>Finish</u>	
	18=1/8"	28=1/4"	None=NPT	None=Ni-Fe Fitting/Bronze Element		
	38=3/8"	48=1/2"	P=BSPT	NP= Completed nickel plated		
	68=3/4"	88=1"		(Element and Fitting)		
	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"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
OVERALL LENGTH	IN.	29/32"	1-5/16"	1-9/16"	1-7/8"	2-9/32"	2-57/64"	3-7/16"	4"	4-3/4"
HEX	IN.	7/16"	9/16"	11/16"	7/8"	1-9/64"	1-11/32"	1-3/4"	2"	2-3/8"
MATERIAL	BODY	NICKEL-PLATED IRON (Ni-Fe)								
	ELEMENT	SINTERED BRONZE (40 micron standard, also available in 10 or 90 micron)								
MAX OPERATING PRESSURE		300 PSI (21.1 kg/cm ²)								
OPERATION TEMPERATURE		35°F TO 300°F (1.6°C to 149°C)								
WEIGHT (APPROX.)	OZ.	0.26	0.53	0.91	1.6	2.96	4.48	9.5	13.12	17.6
UNIT PACK	EA.	10	10	10	5	1	1	1	1	1

HOW TO ORDER

FBMS	<input type="checkbox"/>	<input type="checkbox"/>
Female Bronze Muffler	<u>Connection (NPTF)</u>	
	18=1/8"	28=1/4"
	38=3/8"	48=1/2"

SPECIFICATIONS

ITEM	MODEL	FBMS-18	FBMS-28	FBMS-38	FBMS-48
CONNECTION	NPTF	1/8"	1/4"	3/8"	1/2"
OVERALL LENGTH	IN.	1-5/16"	1-37/64"	1-57/64"	2-9/16"
HEX	IN.	9/16"	11/16"	7/8"	1-1/16"
MATERIAL	BODY	NICKEL-PLATED IRON (Ni-Fe)			
	ELEMENT	SINTERED BRONZE (40 micron)			
MAX OPERATING PRESSURE		300 PSI (21.1 kg/cm ²)			
OPERATING TEMPERATURE		35°F TO 300°F (1.6°C to 149°C)			
WEIGHT (APPROX.)	OZ.	0.71	1.2	2.08	4.44
UNIT PACK	EA.	5	5	5	5

HOW TO ORDER

BM-SAE#	<input type="checkbox"/>
Bronze Muffler	<u>Connection (SAE)</u>
	4=7/16"-20
	6=9/16"-18
	8=3/4"-16

SPECIFICATIONS

ITEM	MODEL	BM-SAE#4	BM-SAE#6	BM-SAE#8
CONNECTION	SAE	7/16"-20	9/16"-18	3/4"-16
OVERALL LENGTH	IN.	1-11/32"	1-17/32"	1-55/64"
HEX	IN.	9/16"	11/16"	7/8"
MATERIAL	BODY	BRASS		
	ELEMENT	SINTERED BRONZE (40 micron)		
MAX OPERATING PRESSURE		300 PSI (21.1 kg/cm ²)		
OPERATING TEMPERATURE		35°F TO 300°F (1.6°C to 149°C)		
WEIGHT (APPROX.)	OZ.	0.60	0.95	1.55
UNIT PACK	EA.	50	50	50