Heavy Duty Silencer
Quietaire MA and MB Series
1/8" - 2" BSPT, BSPP or PTF

- **Reduce the noise levels of pneumatic equipment**
- **Prevent open line exhaust dangers**
- **Corrosion resistant**
- **High flow capacity with low back pressure**
- **Brass mesh screen and aluminium construction provide improved flow, longer life and cleanable element**
- **Prevent metal chips, abrasive grits, dust and other contaminants from entering open exhaust ports**

Technical Data

Medium:
Compressed air, filtered, lubricated and non-lubricated
Inert gases

Operation:
Exhaust silencer

Mounting:
Directly in the exhaust port

Port Size:
Male Threads 1/8 to 1 1/4 BSPT or PTF
Female Threads 1/8 to 2 BSPT, BSPP or PTF

Operating Pressure:
-1 to 20 bar

Sound Pressure Level (dBA):
(See general information on page overleaf)

Operating Temperature:
-20°C* to + 80°C
*Consult our Technical Service for use below +2°C

Flow factor:
See general information on page overleaf

Materials

Aluminium body and shell, brass mesh element

Ordering Information

To order, quote model number from table overleaf.

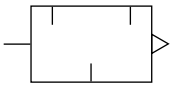
eg. MA008B for Female BSPT (Rc) thread

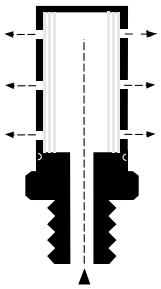
Alternative models

M/S & C/S range of porous plastic silencers, see page 10.5.001.01

T40 series of Quietaire sintered bronze silencers, see page 10.5.021.01

Symbol





General Information

Male Thread

Model PTF	Model BSPT	Port Size	Flow Factor Cv*/C**	Weight (Kg)
MB001A	MB001B	1/8"	1,3 / 5,3	0,03
MB002A	MB002B	1/4"	2,3 / 9,4	0,03
MBP03A	MBP03B	3/8"	2,9 / 11,8	0,03
MB003A	MB003B	3/8"	4,9 / 20,0	0,10
MB004A	MB004B	1/2"	6,8 / 27,7	0,09
MBP06A	MBP06B	3/4"	7,2 / 29,4	0,09
MB006A	MB006B	3/4"	14,8 / 60,4	0,45
MB008A	MB008B	1"	18,0 / 73,4	0,40
MBP10A	MBP10B	1-1/4"	23,6 / 96,3	0,40

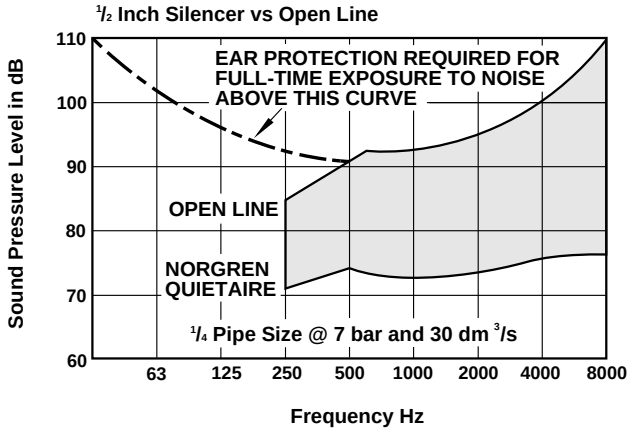
*Cv measured in US/gall/min **C measured in dm^3/(s.bar)

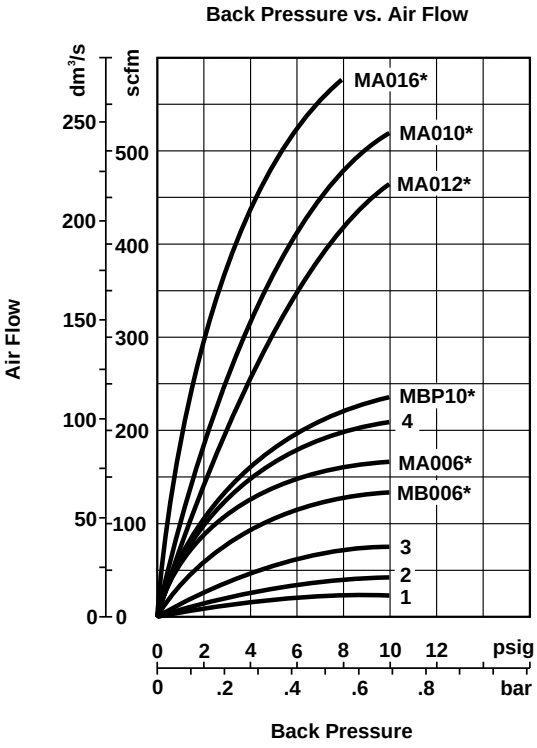
Female Thread

Model PTF	Model BSPT	Model BSPP	Port Size	Flow Factor Cv*/C**	Weight (Kg)
MA001A	MA001B		1/8"	0,8 / 3,26	0,03
MA002A	MA002B		1/4"	2,4 / 9,79	0,03
MA003A	MA003B		3/8"	5,7 / 23,3	0,10
MA004A	MA004B		1/2"	6,9 / 28,1	0,09
MA006A	MA006B		3/4"	18,0 / 73,4	0,45
MA008A	MA008B		1"	20 / 81,6	0,40
MA010A		MA010C	1-1/4"	42 / 171,4	0,62
MA012A		MA012C	1-1/2"	39 / 159,1	0,60
MA016A		MA016C	2"	59 / 241,0	0,76

*Cv measured in US/gall/min **C measured in dm^3/(s.bar)

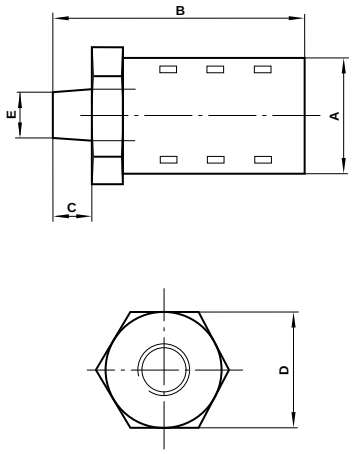
Performance Characteristics





1. MA001*, MA002*, MB001*, MB002*, MBPO3*
2. MA003*, MB003*
3. MA004*, MB004*, MBP06*
4. MA008*, MB008*

Male Thread

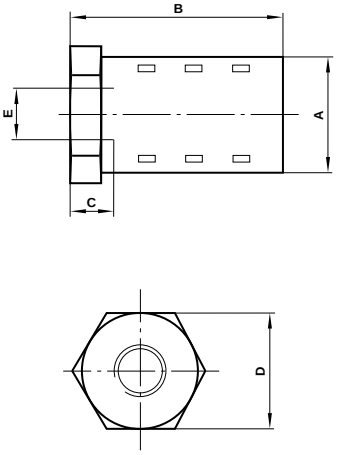


Model	A	B	C	D	E*
MB001	21	51	9	20,6	1/8
MB002	21	55	13	20,6	1/4
MBP03	21	55	13	20,6	3/8
MB003	32	88	13	31,7	3/8
MB004	32	92	17	31,7	1/2
MBP06	32	92	17	31,7	3/4
MB006	51	134	20	50,8	3/4
MB008	51	138	23	50,8	1
MBP10	51	140	26	50,8	1 1/4

* For MB***B Rc(BSPT) according to BS21 and ISO - 7/1

For MB***A PTF-SAE SHORT according to ANSI-B1.20.1

Female Thread



Model	A	B	C	D	E*
MA001	21	42	6	20,6	1/8
MA002	21	45	9	20,6	1/4
MA003	32	78	9	31,7	3/8
MA004	32	83	12	31,7	1/2
MA006	51	118	12	50,8	3/4
MA008	51	118	15	50,8	1
MA010	64	144	15	63,5	1 1/4
MA012	64	144	15	63,5	1 1/2
MA016	76	168	16	76,2	2

* For MA***B Rc(BSPT) according to BS21 and ISO - 7/1

For MA***A PTF-SAE SHORT according to ANSI-B1.20.1

For MA***C G(BSPP) according to BS2779 and ISO-228/1

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where *pressures* and *temperatures* can exceed those listed under **'Technical Data'**.
Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult Norgren.
Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes. The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.
System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.
System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products where applicable.