

M/S

Porous plastic silencers

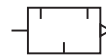
M5, G1/8B ... G1B

Reduce the noise levels of pneumatic equipment

Compact, efficient and lightweight

Screw directly into the exhaust port

Prevent the ingress of dirt



Technical features

Medium:

Compressed air, filtered 50 µm, lubricated and non lubricated/vacuum, inert gases

Operation:

Exhaust silencer/vacuum filter

Operating pressure:

-1 ... +10 bar maximum (vacuum service)

Port sizes:

M5, G 1/8 ... G1
1/8 NPT ... 1 NPT

Mounting:

Directly in exhaust port

Ambient/Media temperature:

-20 ... +80°C

Air supply must be dry enough to avoid ice formation at temperatures below +2°C.

Materials:

Body: UHMW PE porous plastic
Connector base: PE (black)

Technical data, standard models

Symbol	Port size	Mean flow factor			Sound pressure level *3)	Model
		C *1	Cv	Kv *2		
	M5	1,27	0,31	0,27	83	M/S0
	G1/8B	4,1	1	0,87	84	M/S1
	G1/4B	7,5	1,84	1,6	84	M/S2
	G3/8B	16,2	4	3,45	81	M/S3
	G1/2B	21,8	5,3	4,64	82	M/S4
	G3/4B	32,8	8	7	98	M/S6
	G1B	49,8	12,2	10,6	94	M/S8

*1) Measured in dm³/ (s.bar)

*2) Measured in m³/h

*3) Measured in dBA/6bar/1 meter from unit

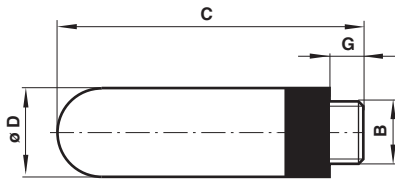
Option selector

★/S★

Thread form	Substitute
ISO G, parallel	M
NPT	C

Port size	Substitute
M5	0
1/8"	1
1/4"	2
3/8"	3
1/2"	4
3/4"	6
1"	8

Dimensions



B	C	Ø D	G	Weight (g)	Model
M5	23	6,5	4	0,4	M/S0
G1/8B	34	12,5	6,5	1,65	M/S1
G1/4B	42,5	15,5	8	3,5	M/S2
G3/8B	67,5	18,5	11	6,0	M/S3
G1/2B	77,5	23,3	11	10,5	M/S4
G3/4B	131,5	38,5	15	34	M/S6
G1B	161	49	20	54	M/S8

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where values can exceed those listed under »**Technical features/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.