

C/S and M/S Porous plastic silencers

- Port size: M5, G1/8 ... G1, 1/8NPT ... 1NPT
- 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 75 µm, lubricated and non lubricated/vacuum, inert gases

Operation:
Exhaust silencer/vacuum filter

Operating pressure:
-1 ... 10 bar (-14 ... 145 psi)
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 (-4 ... +176°F)
Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

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

Technical data, standard models

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

*1) Measured in dm³/ (s.bar)

*2) Measured in m³/h

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

Option selector

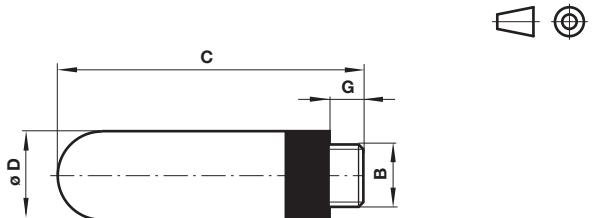
Thread form	Substitute	★/S★	Port size	Substitute
ISO G and Metric M5	M		M5	0
NPT	C		1/8"	1
			1/4"	2
			3/8"	3
			1/2"	4
			3/4"	6
			1"	8

Dimensions

B	C	Ø D	G	Weight (g)	Model
M5	25	7	5	0.4	M/S0
G1/8	32	13	7	1.65	M/S1
G1/4	39	17	8	3.5	M/S2
G3/8	65	18.5	11	6.0	M/S3
G1/2	70	25	11.5	10.5	M/S4
G3/4	138	37	15.5	34	M/S6
G1	158	48	19.5	54	M/S8

B	C	Ø D	G	Weight (g)	Model
1/8" NPT	31.7	13	6	1.65	C/S1
1/4" NPT	41.7	17	10	3.5	C/S2
3/8" NPT	64.7	18.5	10	6.0	C/S3
1/2" NPT	72.5	25	13	10.5	C/S4
3/4" NPT	136.5	37	13	34	C/S6
1" NPT	156.5	48	17	54	C/S8

Dimensions in mm
Projection/First angle



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 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 Ltd.

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.