

Quietaire sintered bronze silencers M5, G1/8 bis G1, R1/8 bis R1

Reduce the noise levels of pneumatic equipment
Compact and efficient
Screw directly into the exhaust port
Prevent the ingress of dirt



Technical data

Medium:

Compressed air, filtered, lubricated or non lubricated, vacuum, Inert gases

Operation:

Exhaust silencer or inlet filter

Operating pressure: 10 bar maximum

Operating temperature:

-20°C to +80°C

(consult our Technical Service for use below +2°C)

Mounting

Directly in exhaust or vent port

Port size:

Metric **BSPP BSPT** R1/8 T40B1800 M5 T40M0500 G1/8A T40C1800 G1/4A T40C2800 R1/4 T40B2800 G3/8A T40C3800 R3/8 T40B3800 G1/2A T40C4800 R1/2 T40B4800 G3/4A T40C6800 R3/4 T40B6800 G1A T40C8800 R1 T40B8800

Materials

Element: sintered bronze

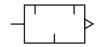
Body: brass

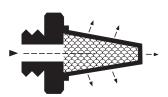
Ordering information

To order, quote appropriate product number from the tables on the following pages, e.g. T40B3800 for the R 3/8 model

Alternative models

M/S & C/S range of porous plastic models, see page N/UK **10.5**.011 & N/UK **10.5**.012 Quietaire range of heavy duty models, see page N/UK **10.5**.031





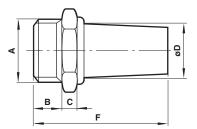


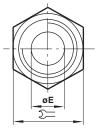
General information

Model Metric/	Model	Port Connection	Flow factor		Continuous Sound pressure level *3)		Weight
BSPP	BSPT		Cv *2)	C *1)	0.7 bar	6 bar	(kg)
T40M0500	_	M5	0,2	1	56	70	0,004
T40C1800	T40B1800	1/8 inch	0,54	2,5	66	75	0,01
T40C2800	T40B2800	1/4 inch	1,6	6,3	68	78	0,02
T40C3800	T40B3800	3/8 inch	3,5	14	75	84	0,045
T40C4800	T40B4800	1/2 inch	5,1	21	75	88	0,07
T40C6800	T40B6800	3/4 inch	9	37	87	96	0,13
T40C8800	T40B8800	1 inch	11,6	48	93	100	0,2

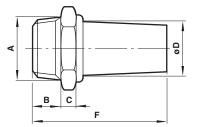
^{*1)} measured in dm3/(s.bar)

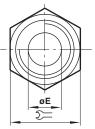
Dimensions





Model	Α	В	C	ØD	ØE	F	5=
T40M0500	M5	5	15	5	2,5	20	7
T40C1800	G1/8A	6	18	9,5	6	24	13
T40C2800	G1/4A	8	25	12	8,5	33	17
T40C3800	G3/8A	10	34	17	12	44	22
T40C4800	G1/2A	12	44	20	14,5	56	27
T40C6800	G3/4A	14	66	26	19	80	32
T40C8800	G1A	16	66	31	25	82	41





Model	Α	В	C	ØD	ØE	F	$\Sigma =$
T40B1800	R1/8	9,5	18	9,5	6	27,5	13
T40B2800	R1/4	11	25	12	8,5	36	17
T40B3800	R3/8	12,5	34	17	12	46,5	22
T40B4800	R1/2	16	44	20	14,5	60	27
T40B6800	R3/4	19	66	26	19	85	32
T40B8800	R1	22,5	66	31	25	88,5	41

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.

^{*2)} CV measured in US gall/min

^{*3)} SPL in dBA at 1m from unit

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