

- 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

Mounting:

Directly in exhaust or vent port

Port sizes: Male thread

| Metric | BSPP | BSPT |
|--------|----------|------|
| M5 | T40M0500 | |

| | | | |
|-------------------------------|----------|-------------------------------|----------|
| G ¹ / ₈ | T40C1800 | R ¹ / ₈ | T40B1800 |
| G ¹ / ₄ | T40C2800 | R ¹ / ₄ | T40B2800 |
| G ³ / ₈ | T40C3800 | R ³ / ₈ | T40B3800 |
| G ¹ / ₂ | T40C4800 | R ¹ / ₂ | T40B4800 |
| G ³ / ₄ | T40C6800 | R ³ / ₄ | T40B6800 |
| G1 | T40C8800 | R1 | T40B8800 |

Operating Pressure:

10 bar maximum

Operating Temperature:

-20°C to +80°C

Consult our Technical Service for use below +2°C

Materials

Sintered bronze element, brass body

Ordering Information

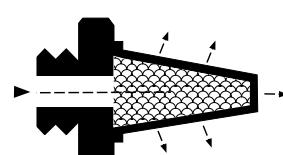
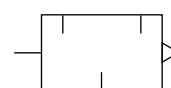
To order, quote appropriate product number from the tables on the following pages.

e.g. T40B3800 for the R³/₈ model

Alternative Models

M/S & C/S range of porous plastic models, see page 10.5.011.01

Quietaire range of heavy duty models, see page 10.5.031.01





General Information

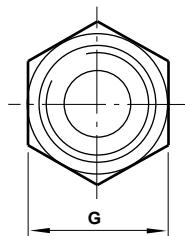
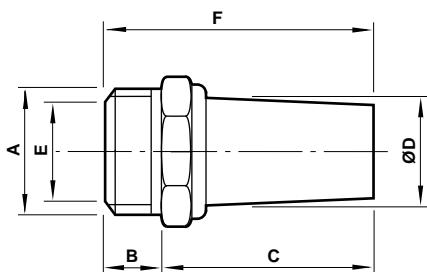
| Model Metric/ BSPP | Model BSPT(R) | Port Connection | Flow Factor | | Continuous Sound Pressure Level [†] | | Weight (Kg) |
|--------------------------|------------------|--------------------|-------------|-----|---|-------|----------------|
| | | | Cv** | C* | 0.7 bar | 6 bar | |
| T40M0500 | | M5 | 0,2 | 1 | 56 | 70 | 0,004 |
| T40C1800 | T40B1800 | 1/8" | 0,54 | 2,5 | 66 | 75 | 0,001 |
| T40C2800 | T40B2800 | 1/4" | 1,6 | 6,3 | 68 | 78 | 0,02 |
| T40C3800 | T40B3800 | 3/8" | 3,5 | 14 | 75 | 84 | 0,045 |
| T40C4800 | T40B4800 | 1/2" | 5,1 | 21 | 75 | 88 | 0,07 |
| T40C6800 | T40B6800 | 5/8" | 9 | 37 | 87 | 96 | 0,13 |
| T40C8800 | T40B8800 | 1" | 11,6 | 48 | 93 | 100 | 0,2 |

*C measured in dm³/(s.bar)

**CV measured in US gall/min

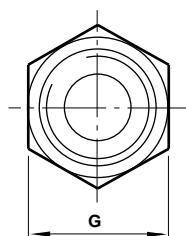
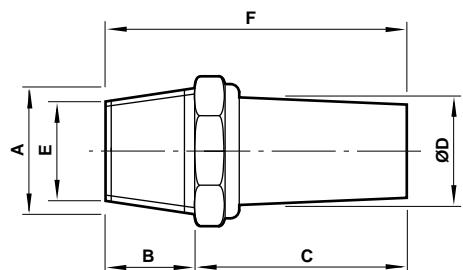
† SPL in dBA at 1m from unit

Silencers



| Model | A | B | C | D | E | F | G |
|----------|-------------------------------|----|----|-----|------|----|----|
| T40M0500 | M5 | 5 | 15 | 5 | 2,5 | 20 | 7 |
| T40C1800 | G ¹ / ₈ | 6 | 18 | 9,5 | 6 | 24 | 13 |
| T40C2800 | G ¹ / ₄ | 8 | 25 | 12 | 8,5 | 33 | 17 |
| T40C3800 | G ³ / ₈ | 10 | 34 | 17 | 12 | 44 | 22 |
| T40C4800 | G ¹ / ₂ | 12 | 44 | 20 | 14,8 | 56 | 27 |
| T40C6800 | G ⁵ / ₈ | 14 | 66 | 26 | 19 | 80 | 32 |
| T40C8800 | G1 | 16 | 66 | 31 | 25 | 82 | 41 |

A - according to ISO - 228/1



| Model | A | B | C | D | E | F | G |
|----------|-------------------------------|------|----|-----|------|------|----|
| T40B1800 | R ¹ / ₈ | 9,5 | 18 | 9,5 | 6 | 27,5 | 13 |
| T40B2800 | R ¹ / ₄ | 11 | 25 | 12 | 8,5 | 36 | 17 |
| T40B3800 | R ³ / ₈ | 12,5 | 34 | 17 | 12 | 46,5 | 22 |
| T40B4800 | R ¹ / ₂ | 16 | 44 | 20 | 14,8 | 60 | 27 |
| T40B6800 | R ⁵ / ₈ | 19 | 66 | 26 | 19 | 85 | 32 |
| T40B8800 | R1 | 22,5 | 66 | 31 | 25 | 88,5 | 41 |

A - according to ISO - 7/1

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.