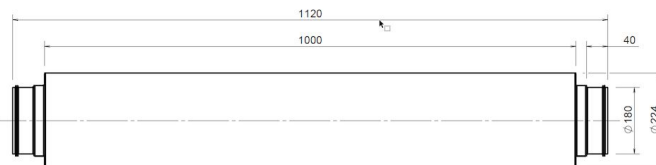


General information

EasyAir Sounddamper Semi-Flexible 180 L=1000



Specifications

| | |
|---------------------|----------------------|
| Article number | 400480592 |
| Product category | Insulated tube |
| Material | Perforated aluminium |
| Colour | Gray |
| Wall Thickness (mm) | 25 |
| Weight (kg) | 2 |

Dimensions

| | |
|---------------------------|------------------|
| Diameter inside (mm) | 180 |
| Diameter outside (mm) | 224 |
| Dimensions (l x w x h mm) | 1000 x 224 x 224 |

Application Insights

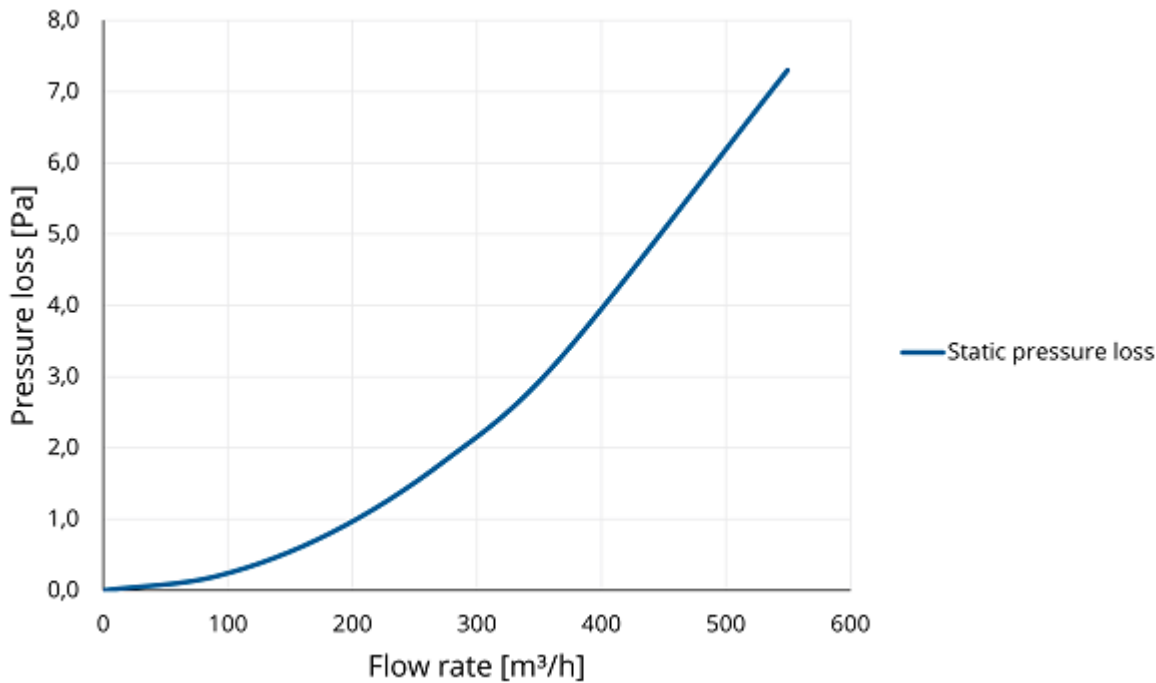
| | |
|------------------------|---|
| Intended use | Noise reduction in ventilation ducts through transmission loss. |
| Supply / Extract | Supply Insulated |
| Temperature range (°C) | -25 / +80 |

Technical Specifications

| | |
|--------------------------------------|---------------------------|
| Maximum air flow (m ³ /h) | 550 |
| ζ extract | - |
| ζ supply | 0,34 |
| Air Tightness Class | 2 |
| λ Thermal conductivity (W/(m·K)) | 0,385 |
| R-value (m ² K/W) | 0,65 |
| Fire rating | E |
| Other specifications | Bend radius (mm) = Dn x 3 |

Graph

Pressure loss



Table

Flow velocity pressure table

| Flow rate | | | Static pressure loss [Pa] |
|-----------|--------|-------|------------------------------|
| [m/s] | [m³/h] | [l/s] | |
| 0 | 0 | 0 | 0,0 |
| 1 | 92 | 25 | 0,2 |
| 2 | 183 | 51 | 0,8 |
| 3 | 275 | 76 | 1,8 |
| 4 | 366 | 102 | 3,2 |
| 6 | 550 | 153 | 7,3 |