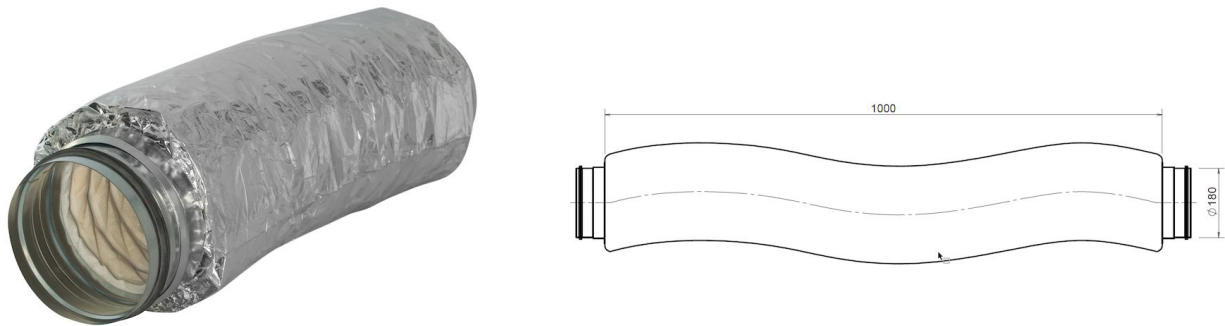


General information

EasyAir Sounddamper Flexible 180 L=1000



Specifications

Article number	400480582
Product category	Insulated tube
Material	Polypropyleen - Non woven
Colour	Gray
Wall Thicknesss (mm)	25
Weight (kg)	1,5

Dimensions

Diameter inside (mm)	179
Diameter outside (mm)	229
Dimensions (l x w x h mm)	1000 x 229 x 229

Application Insights

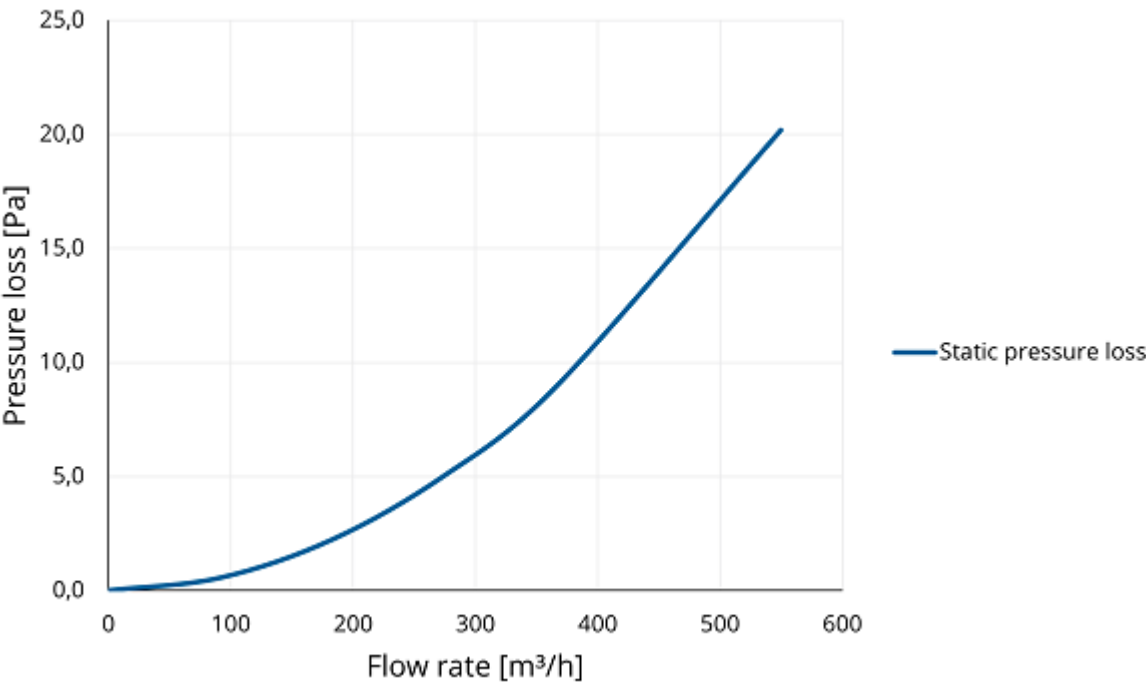
Intended use	Noise reduction in ventilation ducts through insertion loss.
Supply / Extract	Supply Insulated
Temperature range (°C)	-25 / +80

Technical Specifications

Maximum air flow (m³/h)	550
ζ extract	-
ζ supply	0,93
Air Tightness Class	2
λ Thermal conductivity (W/(m·K))	0,385
R-value (m²K/W)	0,65
Fire rating	E
Other specifications	Average attenuation: 23dB; The inner duct is hydrophobic and Anti-Bacteria; Bend radius (mm) = Dn + 25

Graph

Pressure loss



Table

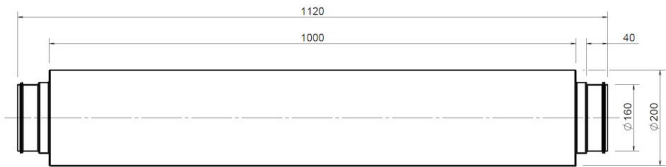
Flow velocity pressure table

Flow rate			Static pressure loss
[m/s]	[m³/h]	[l/s]	[Pa]
0	0	0	0,0
1	92	25	0,6
2	183	51	2,2
3	275	76	5,0
4	366	102	9,0
6	550	153	20,2

Version MG-DS-400480582-2024.01 • Specifications are subject to change without notice.

General information

EasyAir Sounddamper Semi-Flexible 160 L=1000



Specifications

Article number	400480591
Product category	Insulated tube
Material	Perforated aluminium
Colour	Gray
Wall Thicknesss (mm)	25
Weight (kg)	1,9

Dimensions

Diameter inside (mm)	160
Diameter outside (mm)	200
Dimensions (l x w x h mm)	1000 x 200 x 200

Application Insights

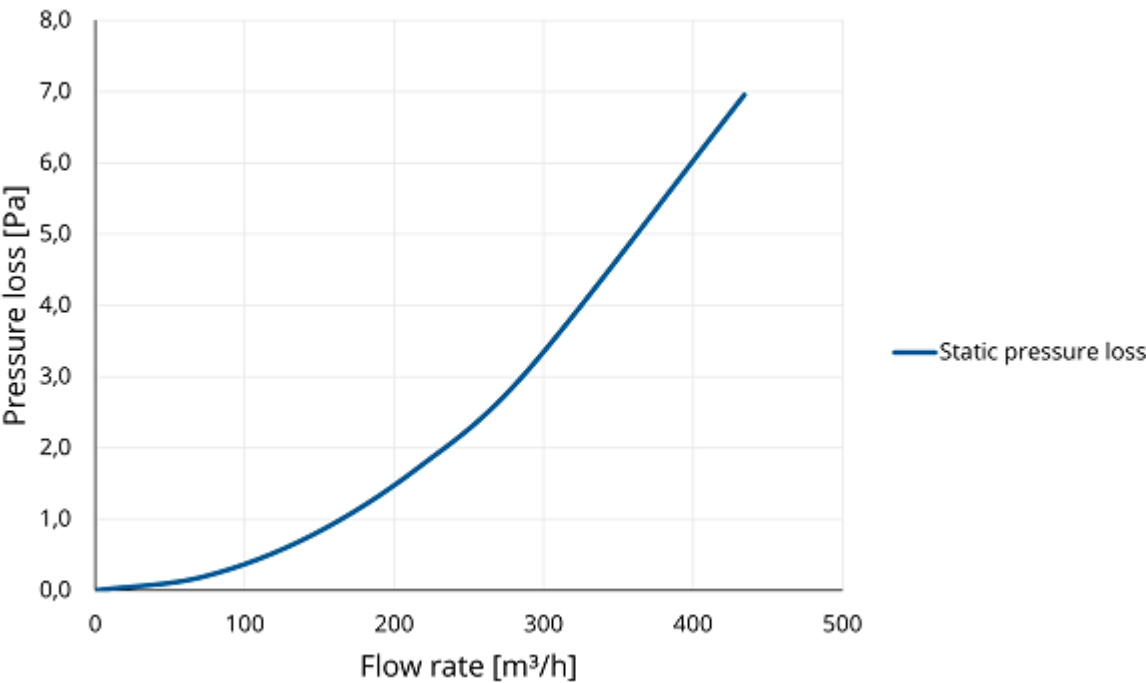
Intended use	Noise reduction in ventilation ducts through transmission loss.
Supply / Extract	Supply Insulated
Temperature range (°C)	-25 / +80

Technical Specifications

Maximum air flow (m³/h)	425
ζ extract	-
ζ supply	0,32
Air Tightness Class	2
λ Thermal conductivity (W/(m·K))	0,385
R-value (m²K/W)	0,65
Fire rating	E
Other specifications	Average attenuation: 15dB; Bend radius (mm) = Dn x 3

Graph

Pressure loss



Table

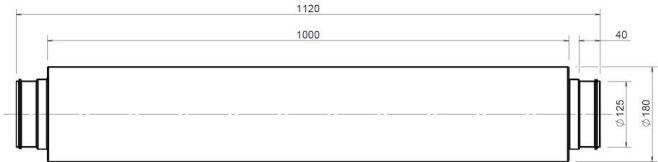
Flow velocity pressure table

Flow rate			Static pressure loss
[m/s]	[m³/h]	[l/s]	
0	0	0	0,0
1	72	20	0,2
2	145	40	0,8
3	217	60	1,7
4	290	80	3,1
6	434	121	7,0

Version MG-DS-400480591-2024.01 • Specifications are subject to change without notice.

General information

EasyAir Sounddamper Semi-Flexible 125 L=1000



Specifications

Article number	400480590
Product category	Insulated tube
Material	Perforated aluminium
Colour	Gray
Wall Thicknesss (mm)	25
Weight (kg)	1,6

Dimensions

Diameter inside (mm)	125
Diameter outside (mm)	180
Dimensions (l x w x h mm)	1000 x 180 x 180

Application Insights

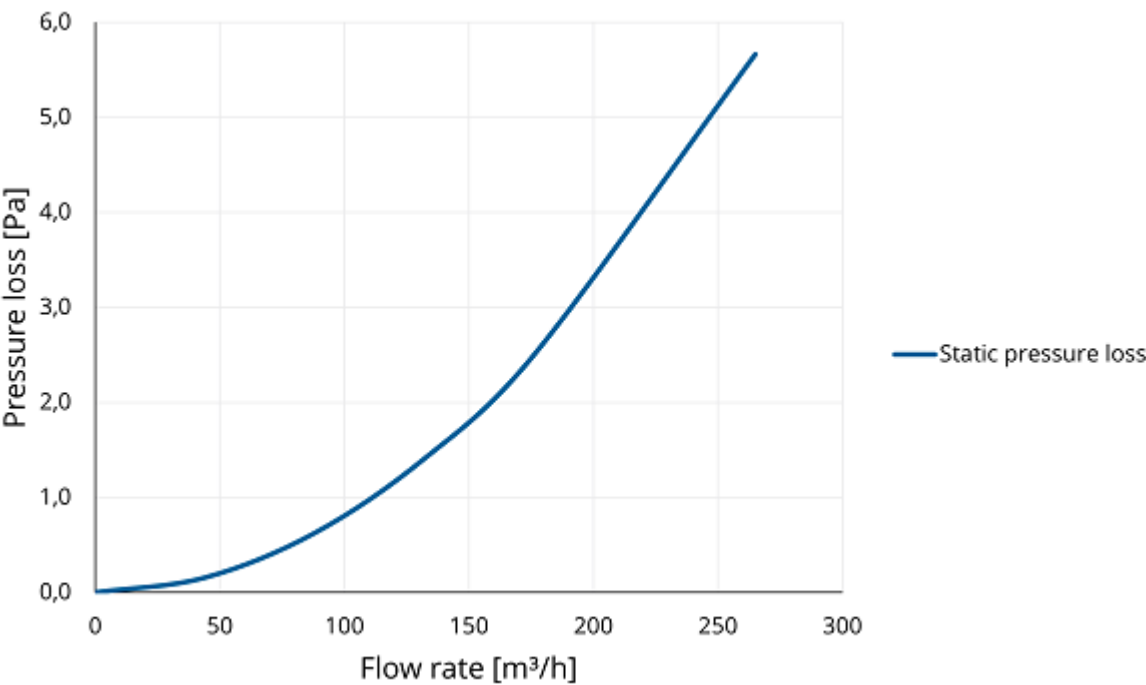
Intended use	Noise reduction in ventilation ducts through transmission loss.
Supply / Extract	Supply Insulated
Temperature range (°C)	-25 / +80

Technical Specifications

Maximum air flow (m³/h)	275
ζ extract	-
ζ supply	0,26
Air Tightness Class	2
λ Thermal conductivity (W/(m·K))	0,385
R-value (m²K/W)	0,65
Fire rating	E
Other specifications	Average attenuation: 20dB; Bend radius (mm) = Dn x 3

Graph

Pressure loss



Table

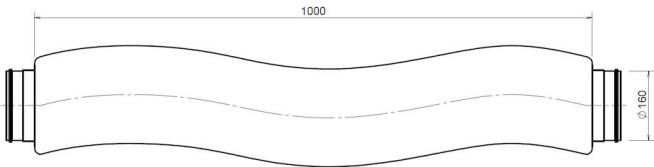
Flow velocity pressure table

Flow rate			Static pressure loss
[m/s]	[m³/h]	[l/s]	
0	0	0	0,0
1	44	12	0,2
2	88	25	0,6
3	133	37	1,4
4	177	49	2,5
6	265	74	5,7

Version MG-DS-400480590-2024.01 • Specifications are subject to change without notice.

General information

EasyAir Sounddamper Flexible 160 L=1000



Specifications

Article number	400480581
Product category	Insulated tube
Material	Polypropyleen - Non woven
Colour	Gray
Wall Thicknesss (mm)	25
Weight (kg)	1,3

Dimensions

Diameter inside (mm)	159
Diameter outside (mm)	209
Dimensions (l x w x h mm)	1000 x 209 x 209

Application Insights

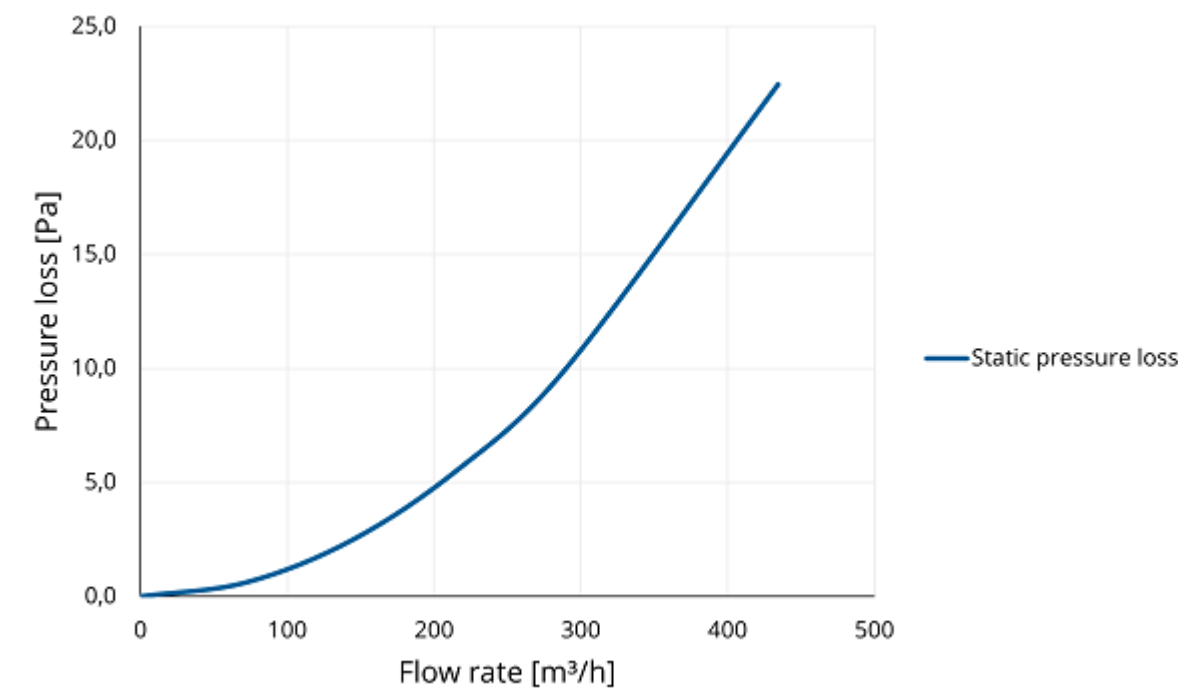
Intended use	Noise reduction in ventilation ducts through insertion loss.
Supply / Extract	Supply Insulated
Temperature range (°C)	-25 / +80

Technical Specifications

Maximum air flow (m³/h)	425
ζ extract	-
ζ supply	1,04
Air Tightness Class	2
λ Thermal conductivity (W/(m·K))	0,385
R-value (m²K/W)	0,65
Fire rating	E
Other specifications	Average attenuation: 28dB; The inner duct is hydrophobic and Anti-Bacteria; Bend radius (mm) = Dn + 25

Graph

Pressure loss



Table

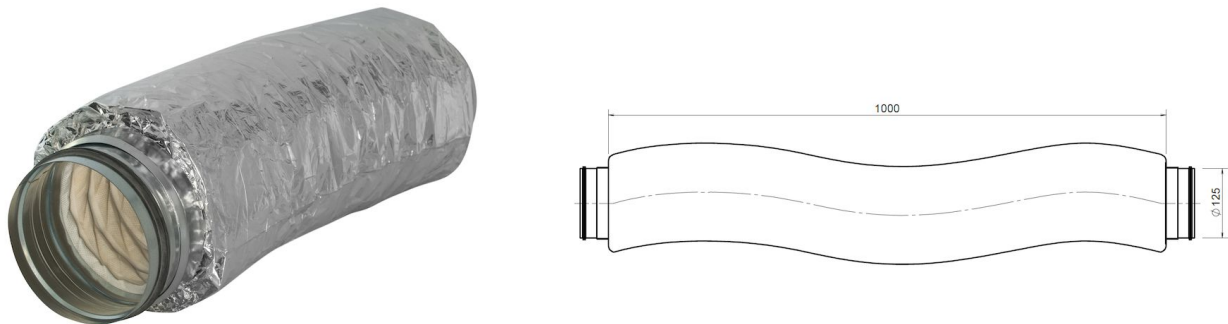
Flow velocity pressure table

Flow rate			Static pressure loss
[m/s]	[m³/h]	[l/s]	
0	0	0	0,0
1	72	20	0,6
2	145	40	2,5
3	217	60	5,6
4	290	80	10,0
6	434	121	22,5

Version MG-DS-400480581-2024.01 • Specifications are subject to change without notice.

General information

EasyAir Sounddamper Flexible 125 L=1000



Specifications

Article number	400480580
Product category	Insulated tube
Material	Polypropyleen - Non woven
Colour	Gray
Wall Thicknesss (mm)	25
Weight (kg)	1

Dimensions

Diameter inside (mm)	124
Diameter outside (mm)	174
Dimensions (l x w x h mm)	1000 x 174 x 174

Application Insights

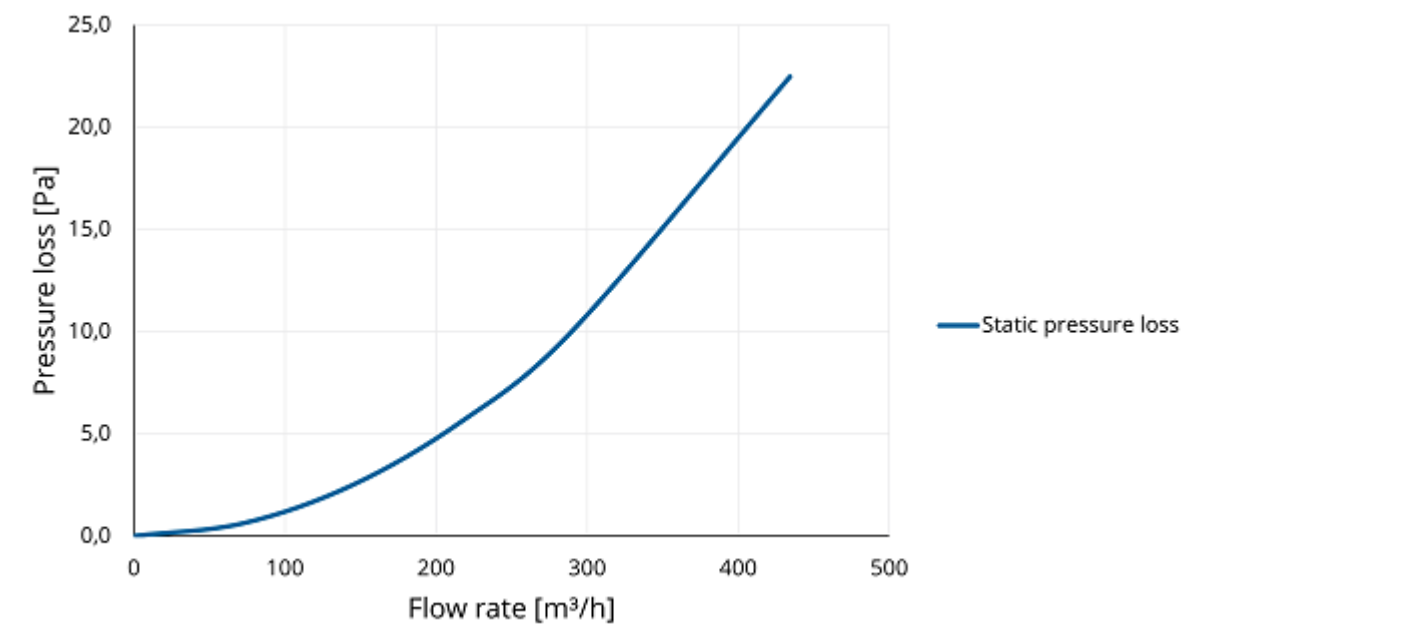
Intended use	Noise reduction in ventilation ducts through insertion loss.
Supply / Extract	Supply Insulated
Temperature range (°C)	-25 / +80

Technical Specifications

Maximum air flow (m³/h)	275
ζ extract	-
ζ supply	1,62
Air Tightness Class	2
λ Thermal conductivity (W/(m·K))	0,385
R-value (m²K/W)	0,65
Fire rating	E
Other specifications	Average attenuation: 32dB; The inner duct is hydrophobic and Anti-Bacteria; Bend radius (mm) = Dn + 25

Graph

Pressure loss



Table

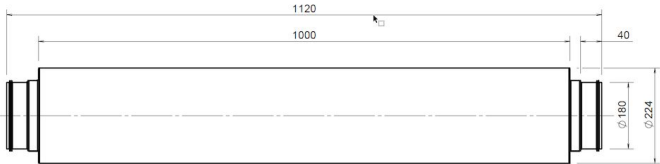
Flow velocity pressure table

Flow rate			Static pressure loss
[m/s]	[m³/h]	[l/s]	
0	0	0	0,0
1	72	20	0,6
2	145	40	2,5
3	217	60	5,6
4	290	80	10,0
6	434	121	22,5

Version MG-DS-400480580-2024.01 • Specifications are subject to change without notice.

General information

EasyAir Sounddamper Semi-Flexible 180 L=1000



Specifications

Article number	400480592
Product category	Insulated tube
Material	Perforated aluminium
Colour	Gray
Wall Thicknesss (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

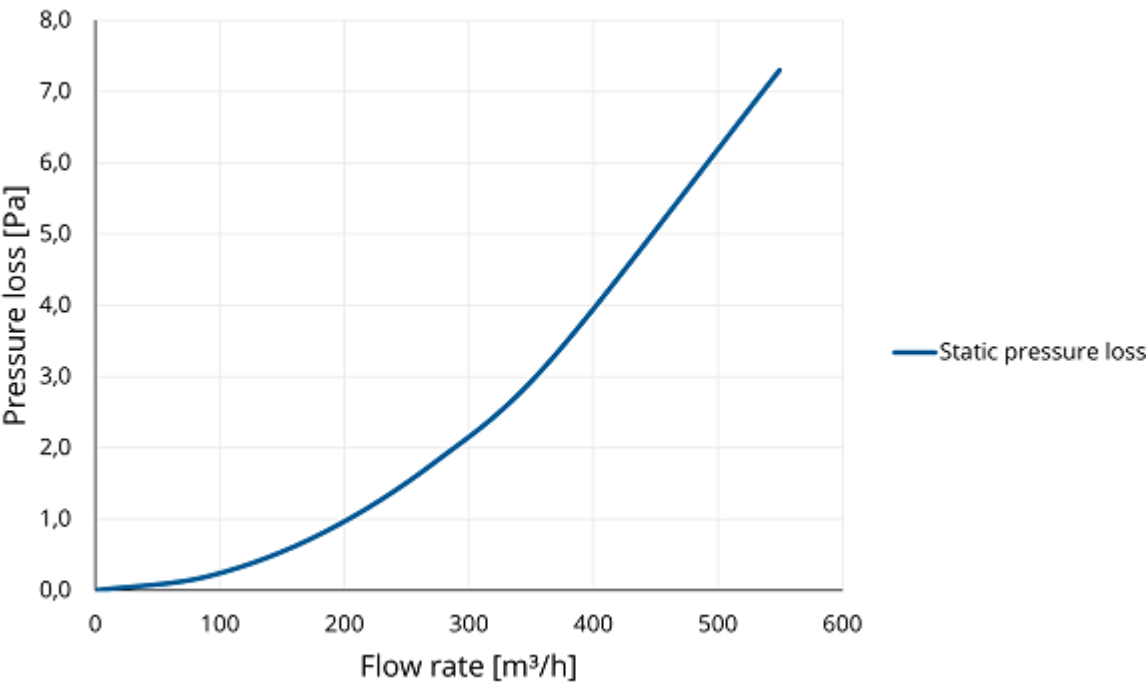
Intended use	Noise reduction in ventilation ducts through transmission loss.
Supply / Extract	Supply Insulated
Temperature range (°C)	-25 / +80

Technical Specifications

Maximum air flow (m³/h)	550
ζ extract	-
ζ supply	0,34
Air Tightness Class	2
λ Thermal conductivity (W/(m·K))	0,385
R-value (m²K/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
[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

Version MG-DS-400480592-2024.01 • Specifications are subject to change without notice.