

Expansion joint, round

evs



✓ Free choice of dimensions

✓ Pressure-resistant

✓ Permanently flexible

✓ Tear- and rot-proof

✓ High leakage class

Product information

DL expansion joints in a round design are used as flexible connections in air ducts and as junctions with fire dampers. The special woven material in coated PVC offsets thermal expansion, prevents the transfer of vibrations and also offers the possibility of acoustic decoupling.

DL expansion joints meet the requirements of VDI 6022 and are also available in a version for installation in smoke extraction ducts.

Technical data

Material

Galvanised steel
Aluminium
V2a stainless steel
V4a stainless steel

Pressure rating

H in accordance with VDI 3803 1

Airtightness class

C (ATC3) DIN EN 1507

Diameter:

8-1,250

Length before bending

140/160/190 mm

Connector flange

Smooth
Edge
Flange
P30

Temperature resistance

-10° to +80°C

Fire protection class

B2 as per DIN 4102

Order code legend

Order code

EVS-B2-V-D1-L-V

Fire protection class (B2)

Material (M)

VZ – galvanised
ALU – aluminium
V2A – stainless steel V2A
V4A – stainless steel V4A

Opening in mm

D – Diameter

Optional (o)

BKE – 600°C/120 min.
L – 160/190 mm

Example

Expansion joint, B2, galvanised, DN 500, 140, flange

Order code

EVS-B2-VZ-500-140-flange