

BGS600



► Type BGS600

Type key ► page 20

BGS6 0 0

Support ring variants

Number of arches

Type

Elastic joints for smoke escape ventilators at 600°C for 120 minutes

Design:	Straight or conical fabric expansion joints (silicon free) with self-sealing flanges and building authority approval Single-part backing flange on both sides
Test temperature:	600°C for 120 minutes
Test vacuum:	1,500 Pa at room temperature, 500 Pa at 600°C
Installation method:	Fixes to flange at duct level
Dimensions:	For round and rectangular duct cross sections
Installation length:	100 to 250 mm
Media temperature:	Suitable for up to 120°C long-term temperature
Pressure:	Up to ±15,000 Pa at room temperature
Movement:	For axial and lateral movements axial compression = 50 mm lateral displacement = 20 mm

Application:

Elastic connection to axial or radial ventilators in automatic smoke escape systems to compensate for vibrations and for sound separation e. g. for smoke escape in buildings and tunnels

General building authority
approval issued by
DIBt Z78.1-31

Flanges

- Design:** Single-part backing flange with clearance holes
- Flange norms:** The usual norms for ventilation systems
- Materials:** Carbon steel: 1.0038 (S235JRG2)
 Stainless steel: 1.4301 (X5CrNi18-10)
 1.4571 (X6CrNiMoTi17-12-2)
 Other materials on request
- Coating:** Primed, hot-dip galvanised, special paint

Flow liners

- Design:** Cylindrical, conical or telescoping flow liner (▶ page 296)
- Materials:** Carbon steel: 1.0038 (S235JRG2)
 Stainless steel: 1.4301 (X5CrNi18-10)
 1.4571 (X6CrNiMoTi17-12-2)
 Other materials on request
- Coating:** Primed, hot-dip galvanised, special paint

Optional accessories

- Support rings:** Vacuum support ring made from spring steel

Planning help BGS600

