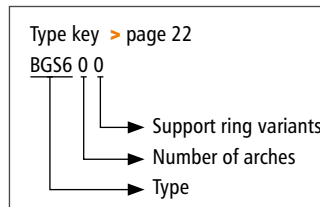


## BGS600



### > Type BGS600



## Smoke extraction fan expansion joint at 600 °C for 120 minutes

- Design:** Straight or conical fabric expansion joints (silicon free) with self-sealing flanges  
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



Request assembly  
instructions at:  
[www.ditec-adam.de/  
en/contact](http://www.ditec-adam.de/en/contact)

## Flanges

**Design:** Single-part backing flange with clearance holes

**Flange norms:** The usual norms for ventilation systems

**Materials:** Carbon steel, stainless steel

**Coating:** Primed, hot-dip galvanised, special paint

## Flow liners

**Design:** Cylindrical, conical or telescoping flow liner ( > page 360)

**Materials:** Carbon steel, stainless steel

**Coating:** Primed, hot-dip galvanised, special paint

## Optional accessories

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

### Cross section BGS600

