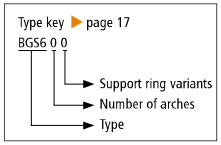
BGS600

▶ Type BGS600



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

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 24)
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