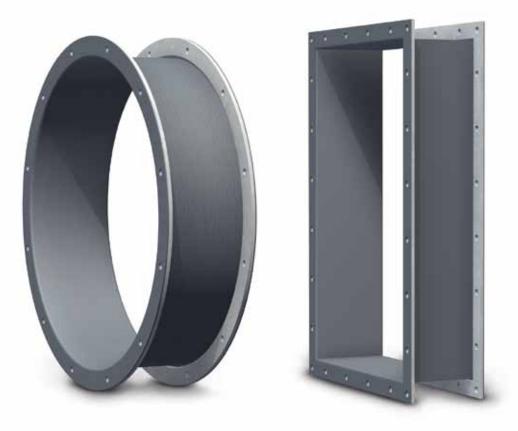
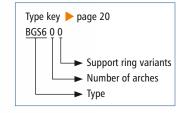


BGS600



► 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 $^\circ C$		
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 $\pm 15,000$ 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: Stainless steel:	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: Stainless steel:	1.0038 (S235JRG2) 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

