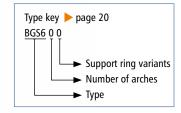


BGS600



► 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 $\pm 15,000$ 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





Flanges

Design:	Single-part backing flange with clearance holes		
Flange norms:	The usual norms for ventilation systems		
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		

Flow liners

Design:	Cylindrical, conical or telescoping flow liner (\triangleright page 298)		
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

