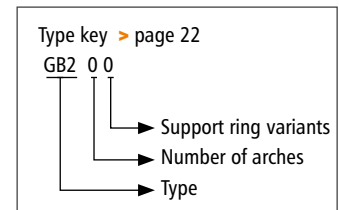


GB200



> Type GB200



Belt expansion joint on duct angles without arch

Design:	Straight or conical elastomer or multilayer expansion joint with sleeves for clamp bar fixing Optional expansion joint with installation seam
Installation method:	Clamp bar fixing on duct angles
Dimensions:	For round and rectangular duct cross sections
Installation length:	= Installation gap + 2x fixing width Individually according to customer specifications
Fixing width:	Depends on pressure and diameter between 60 and 100 mm
Media temperature:	Depending on the height of the duct angle, suitable for up to 500 °C
Pressure:	Up to ±0.25 bar Higher pressures on request
Movement:	For axial, lateral and angular movements Benchmarks: axial compression = approx. 0.20 x installation length axial extension = approx. 0.20 x installation gap lateral displacement = approx. 0.15 x installation gap In the event of axial extension and simultaneous lateral displacement, movements are reduced For large lateral movements, we recommend presetting the duct against the direction of movement

Application:
Power plants, waste incineration plants, gas turbines, cement factories, paper industry, steel industry e. g. in exhaust pipes, in ventilators, in air ducts, in ash lines, in filter systems



Request assembly instructions at:
www.ditec-adam.de/en/contact

Expansion joint variants

	Elastomer expansion joint	Multilayer expansion joint
Temperature:	up to 200 °C	up to 500 °C
Design:	Single-layer elastomer expansion joint fully joined with one or more fabric reinforcement inserts	Multilayer fabric expansion joint consisting of interior insulating layers, embedded sealing films and exterior pressure carrier fabrics.
Material:	<p>Rubber grades: up to 100 °C: EPDM, IIR, CSM, NBR up to 180 °C: FPM up to 200 °C: Silicon (Q)</p> <p>PTFE lining: Permanently embedded on the inside at the rubber bellows in order to withstand corrosive chemical attack, available starting at \varnothing 300 mm</p> <p>Inserts: Polyamid, polyester, aramide, glass fibre, and steel mesh</p>	<p>Internal layers: PTFE glass fibre fabric laminate, glass fibre fabric, glass mat, silicate fabric</p> <p>Sealing films: PTFE film, stainless steel film</p> <p>External layer: Silicon coated glass fibre fabric PTFE-glass fibre fabric laminate</p>

Clamp bar

- Design:** Multi-part clamp bar with slotted holes
- Materials:** Carbon steel, stainless steel
- Coating:** Primed, hot-dip galvanised, special paint

Optional accessories

- Fixing:** Screws, nuts, washers, disc springs
- Installation unit:** Installation-ready installation unit complete with pre-mounted expansion joint, flow liner and connecting ends for welding or screwing into the duct (> page 361)
- Installation set:** Tools and aids for punching and closing the expansion joint seam

Cross section GB200

