RAL Weichstoff-Kompensator GÜTEZEICHEN

RAL-GZ 719

Technical Information
Expansion joint questionnaire

TI-004
Rev. 1 - 03/05

Reset Contact

DEKOMTE de Temple
Kompensator- Technik GmbH
Walinusstraße 13

D-63500 Seligenstadt

E-mail : info@dekomte.com

Company: _____
Street : _____
Country, City : _____
E-mail : _____

Person in charge : _____
Department : _____
Telephone : _____
Telefax : _____

Order No. : _____ Date : _____
Project : _____ Project No.: _____
Item No.: _____ Quantity : _____

1. Medium

Reset Medium

☐ Flue gas ☐ Air ☐ Waste gas ☐ Others : _____

☐ Composition according to enclosed analysis

☐ dry

☐ moist

dust ☐ no ☐ yes: rtez content: _____ mg/m³

solid particles ☐ no ☐ yes: _____ content: _____ mg/m³ grain size _____ mm

Flow rate : _____ m_n^3/h Flow velocity : _____ m/s

Direction of flow ☐ horizontal ☐ vertically up ☐ vertically down
☐ diagonally up ☐ diagonally down

Dew point: _____ °C

Condensate ☐ strongly acid ☐ slightly acid ☐ neutral ☐ slighty basic ☐ strongly basic

2. Temperatures

Reset Temperatures

Temperature of medium: _____ °C Design temperature: _____ °C Excursion temperature: _____ °C

Duration of individual excursions days: _____ hours: _____ minutes: _____

Duration of excursions per year days: _____ hours: _____ minutes: _____

Ambient temperature: _____ °C (standard value : 50 °C with a free convection)

Radiation impeded ☐ no ☐ yes, by: _____

Passive radiation by components ☐ no ☐ yes, by: _____

External insulation ☐ no ☐ **yes! Has to be confirmed by manufacturer**

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RAL\TI-004GB-FORM
Rev. 03/2005

3. Pressure

Reset Pressure

Operating pressure: _____ mbar Neg. op. pressure: _____ mbar Design pressure: _____ mbar

Transient pressure ☐ no ☐ yes, from _____ mbar to _____ mbar Frequency: _____

Surge load ☐ no ☐ yes, from _____ mbar to _____ mbar Frequency: _____

Excursion pressure: _____ mbar Neg. exc. pressure: _____ mbar duration of excursion: _____

Frequency of excursions: _____ per : _____ at a temperature of: _____ °C

4. Specified tightness

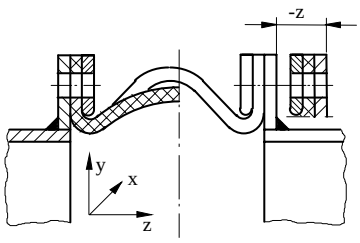
Reset Tightness

☐ without ☐ flue gas tight acc. to TI-002 ☑ nekal tight acc. to TI-003

5. Movements

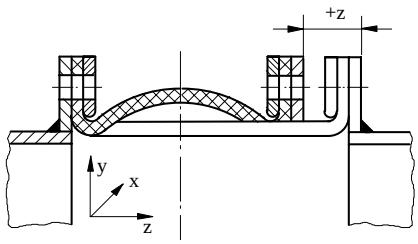
Reset Movements

Axial compression



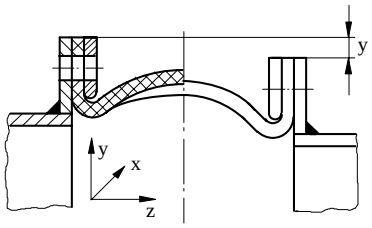
- z : _____ mm

Axial elongation



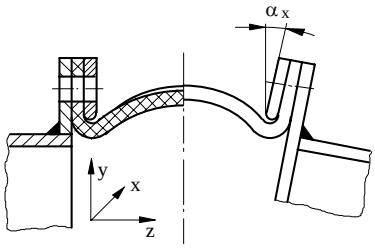
+ z : _____ mm

Lateral offset



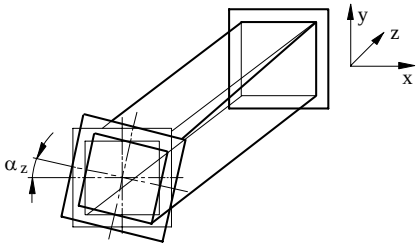
x : _____ mm y : _____ mm

Angular movement



αx : _____ ° αy : _____ °

Torsion



αz : _____ °

Vibration

☐ no ☐ yes

frequency : _____ s^{-1}

amplitude : _____ mm

6. Design

Reset Design

Type of connection ☐ tubular connection ☐ flange connection

Delivery ☐ open ☐ endless

Baffle/sleeve ☐ no ☐ yes ☐ welded ☐ bolted

Insulation between expansion joint and baffle/sleeve ☐ yes ☐ no

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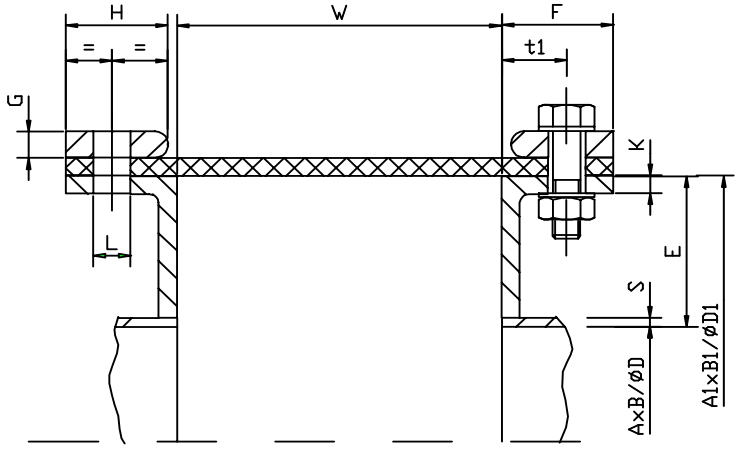
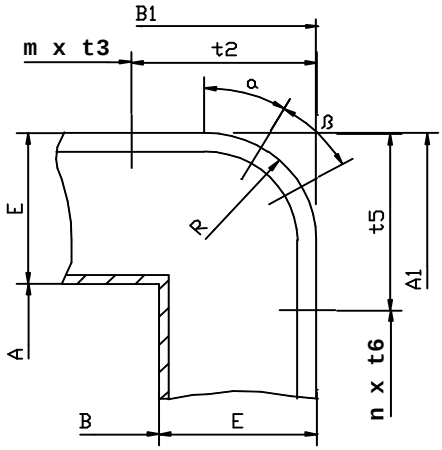
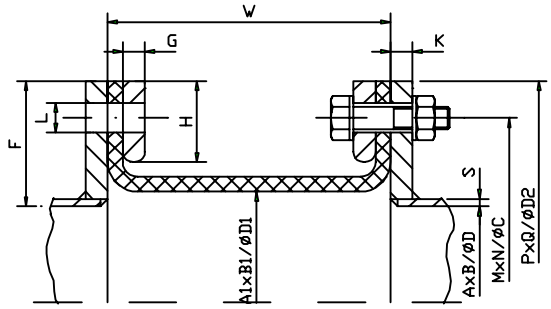
Tubular connection

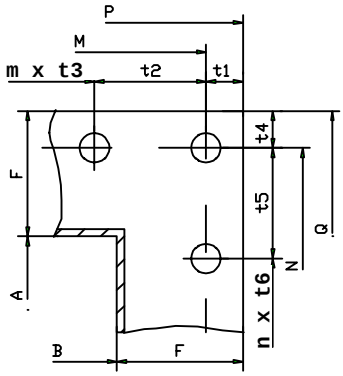


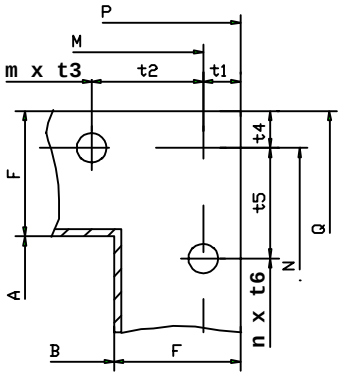


Flange connection

☐ with hole in the edge ☐ without hole in the edge







Rectangular				Round			
AxB inner duct dimension	**A**	_____	mm	D inner duct diameter.	**D**	_____	mm
	B	_____	mm			_____	
A1xB1 inner dimension of	**A1**	_____	mm	D1 inner diameter of the	**D1**	_____	mm
the expansion joint	**B1**	_____	mm	expansion joint		_____	
E set back	**E**	_____	mm	E set back	**E**	_____	mm
F flange height/width	**F**	_____	mm	F flange height/width	**F**	_____	mm
G counter flange thickness	**G**	_____	mm	G counter flange thickness	**G**	_____	mm
H counter flange width	**H**	_____	mm	H counter flange width	**H**	_____	mm
K flange thickness	**K**	_____	mm	K flange thickness	**K**	_____	mm
L bolt hole diameter	**L**	_____	mm	L bolt hole diameter	**L**	_____	mm
MxN hole line distance	**M**	_____	mm	C bolt pitch	**C**	_____	mm
	N	_____	mm	N number of holes	**N**	_____	
PxQ outer dimension	**P**	_____	mm	D2 outer diameter	**D2**	_____	mm
	Q	_____	mm			_____	
R radius	**R**	_____	mm			_____	
S duct wall thickness	**S**	_____	mm	S duct wall thickness	**S**	_____	mm
W flange distance	**W**	_____	mm	W flange distance	**W**	_____	mm
t1 distance (round / rect.)	**t1**	_____	mm	t4 distance (only rect.)	**t4**	_____	mm
t2 distance (only rect.)	**t2**	_____	mm	t5 distance (only rect.)	**t5**	_____	mm
t3 distance (only rect.)	**t3**	_____	mm	t6 distance (only rect.)	**t6**	_____	mm
m number of holes	**m**	_____		n number of holes	**n**	_____	
α angle	**α**	_____	°	β angle	**β**	_____	°

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Reset Scope of supply

7. Scope of supply

☐ Expansion joint
☐ Internal insulation
☐ Counter flanges/tension strips
☐ Duct flanges
☐ Bolting
☐ Baffle/sleeve
☐ Baffle/sleeve gasket

☐ supplied in parts
☐ supplied pre-assembled

☐ On site measurement
☐ Mounting
☐ Supervision

Reset Other details

8. Other details

Reset Sketch / Drawing

9. Sketch/Drawing

Sketch/drawing enclosed ☐ yes ☐ no

Drawing No.

Remark: State full and precise details for your safety

City ---------- Date ---------- Signature ----------

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