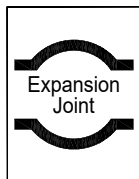


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Technical Information

Expansion joint questionnaire

TI-004

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Flextra ENGINEERED
PRODUCTS (PTY) LTD

- FABRIC & METAL EXPANSION JOINTS
- REUSABLE THERMAL INSULATION JACKETS

QUALITY & CUSTOMER SATISFACTION IS OUR PRIORITY

www.flextra.co.za

Company: _____
Street: _____
Place: _____
Person in charge: _____
Department: _____
Telephone: _____
Cell: _____
E-Mail: _____

Order No.: _____
Project: _____
Item No.: _____

Date: _____
Project No.: _____
Quantity: _____

1. Medium

☐ flue gas ☐ air ☐ waste gas ☐ other: _____
☐ composition according to enclosed analysis
☐ dry ☐ moist
dust ☐ no ☐ yes: _____ content: _____
solid particles ☐ no ☐ yes: _____ content: _____

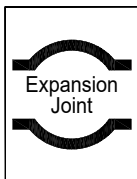
flow rate: _____ M³/h Flow velocity: _____ M/s
Direction of flow: ☐ horizontal ☐ vertically up ☐ vertically down
☐ diagonally up ☐ diagonally down
temperature falling below dewpoint level ☐ no ☐ yes Dew point: _____ °C
condensate ☐ strongly acid ☐ slightly acid ☐ neutral ☐ slightly basic ☐ strongly basic

2. Temperatures

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

Ambient temperature: _____ °C standard value: 30 °C with a free convection

external insulation ☐ no ☐ yes! Has to be confirmed by manufacturer**Flextra Engineered Products (PTY) LTD.****Insist on quality.**

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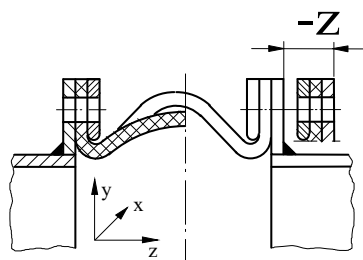
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3. Pressure

Operating pressure: ____ kpa Neg. op. pressure: ____ kpa Design pressure: ____ kpa

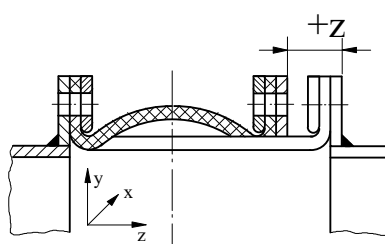
4. Specified tightness☐ without ☐ flue gas tight**5. Movements**

Axial compression



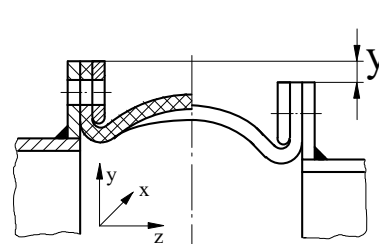
- Z: ____ mm
Compression

Axial extension



+ Z: ____ mm
Extension

Lateral offset



x: ____ mm; y: ____ mm
Vibration
☐ no ☐ yes

6. Design

Type of connection

☐ Flat belt connection☐ flange connection

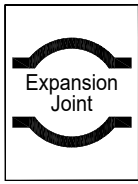
Delivery

☐ open☐ splicedFlow plate **S/S or M/S**☐ no☐ yes☐ welded☐ boltedIs there a pillow? ☐ yes ☐ no

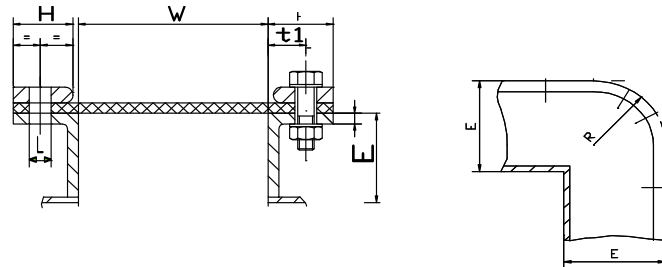
Dimensions taken hot or cold? _____

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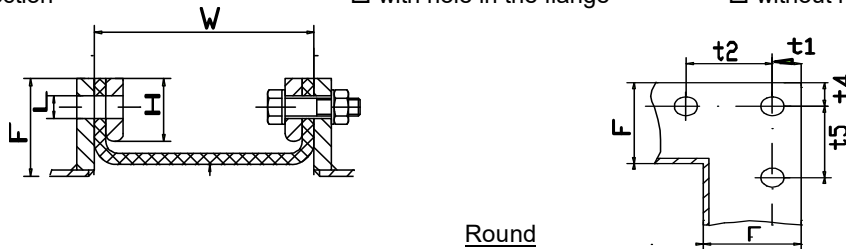
Flat belt connection



Flange connection

☐ with hole in the flange

☐ without hole in the flange



Rectangular

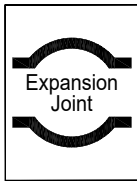
Round

AxB	inner diameter	A	_____ mm	D	inner diameter	D	_____ mm
		B	_____ mm				
E	Outer diameter	E	_____ mm	E	Outer diameter	E	_____ mm
F	flange height/width	F	_____ mm	F	flange height/width	F	_____ mm
L	bolt hole diameter	L	_____ mm	L	bolt hole diameter	L	_____ mm
N	number of holes	N	_____	C	bolt PCD	C	_____ mm
				N	number of holes	N	_____
R	radius	R	_____ mm				
W	face to face	W	_____ mm	W	face to face	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

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7. Scope of supply

- ☐ Expansion joint
- ☐ Pillow
- ☐ Backing bars
- ☐ Duct flanges
- ☐ Bolting
- ☐ Flow plate
- ☐ Flow plate gasket

- ☐ supplied in parts
- ☐ supplied pre-assembled

- ☐ Installation
- ☐ Supervision

8. Other details

9. Sketch/Drawing

Sketch/drawing enclosed ☐ yes ☐ no

Drawing No.: _____

Remark: State full and precise details for your safety

Place

Date

Signature

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