



Technical Information

Expansion joint questionnaire

RAL-GZ 719
TI-004
Rev. 1 – 11/12
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3. Pressure

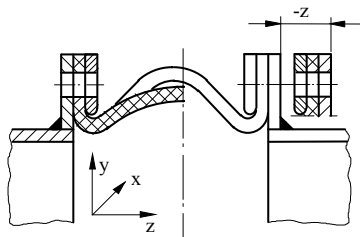
operating pressure: _____ mbar neg. op. pressure: _____ mbar
 design pressure: _____ mbar
 transient pressure no yes, from _____ mbar to _____ mbar frequency _____
 surge load no yes, from _____ mbar to _____ mbar frequency _____
 excursion pressure: _____ mbar neg. exc. pressure _____ mbar
 duration of excursion: _____
 excursion frequency: _____ per: _____ at a temperature of: _____ °C

4. Specified tightness

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

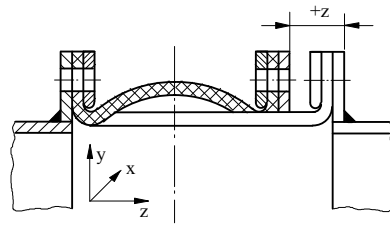
5. Movements

axial compression



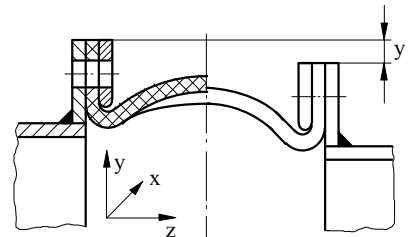
-z: _____ mm

axial elongation



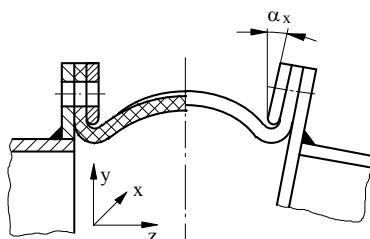
+z: _____ mm

lateral offset



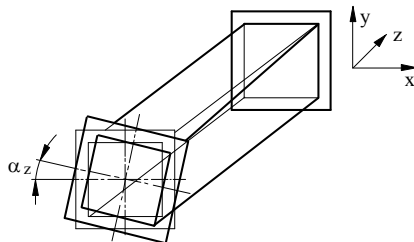
x: _____ mm y: _____ mm

angular movement



α_x : _____ ° α_y : _____ ° α_z : _____ °

torsion



vibration

no
 yes: frequency: _____ s⁻¹
 amplitude: _____ mm

6. 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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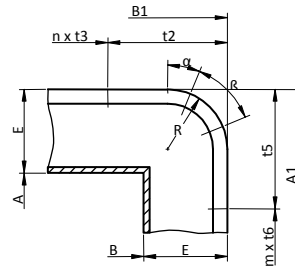
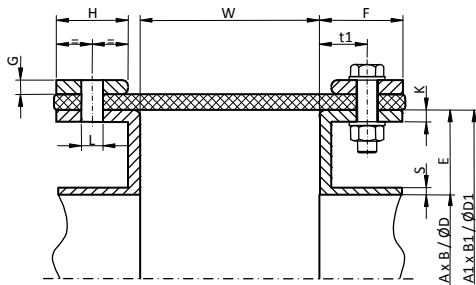


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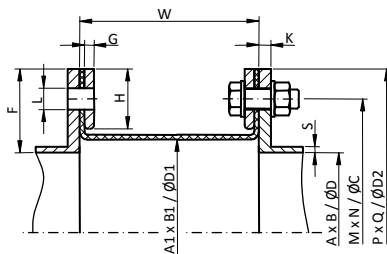
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tubular connection

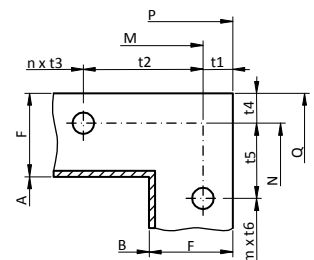
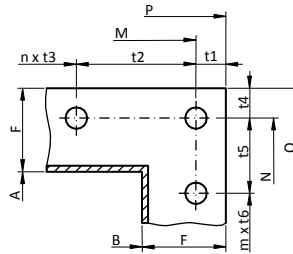


flange connection



with corner hole

without corner hole



rectangular

round

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

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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

8. Other details (e.g. installation location)

.....
.....
.....
.....
.....
.....

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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