VM ConFlex GT-750

Material built up from gasside

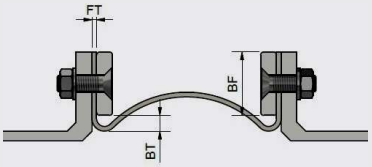
W-02 / F-03 / F-03 / I-02 / I-01 / strips / strips / F-01 / FK-seal / T-03 / T-20

Flangereinforcement: F-03

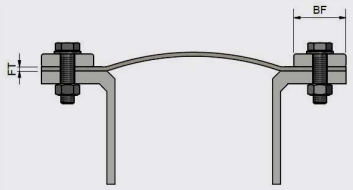
Design Parameters	Units
Body thickness (BT):	30
Flange thickness (FT):	10
Min. backing flange (BF):	60 x 12
↳ Min. bolt size:	M12
Min. width of clamping band:	N.a.
Max. length between clamping points:	500 mm.

Operation Parameters	Units
Medium	Fluegas
Dry/wet	Dry
Max. temperature °C	750
Max. pressure	1200 mm. WG
FFH design max. temperature °C	750
Max. velocity without sleeve	10 m/s
Max. dustcontent without sleeve	10 mg/Nm^3

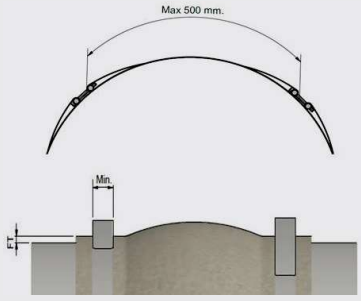
Expansion Rates	Units
Axial compression	25 % of distance between ductflanges
Lateral movements	12 % of distance between ductflanges
Required material compression to absorb the lateral movements	200 %
Installation tolerance based on designed installation length	
↳ Axial +/-	10 mm.
↳ Lateral +/-	5 mm.



Vertical flange



Flat flange for bolting



Flat flange for Clamp. Bands

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VM ConFlex 1000-W-T

Material built up from gasside

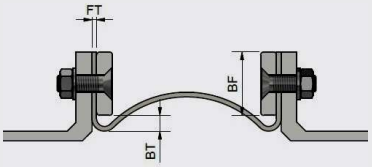
W-02 / F-04 / I-02 / I-02 / F-02 / T-02 / T-20

Flangereinforcement: F-03

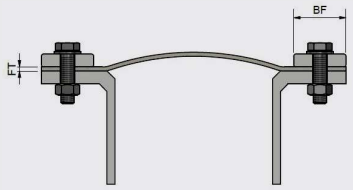
Design Parameters	Units
Body thickness (BT):	N.a.
Flange thickness (FT):	15
Min. backing flange (BF):	60 x 12
↳ Min. bolt size:	M12
Min. width of clamping band:	N.a.
Max. length between clamping points:	500 mm.

Operation Parameters	Units
Medium	Fluegas
Dry/wet	Dry
Max. temperature °C	1000
Max. pressure	800 mm. WG
FFH design max. temperature °C	1000
Max. velocity without sleeve	10 m/s
Max. dustcontent without sleeve	10 mg/Nm^3

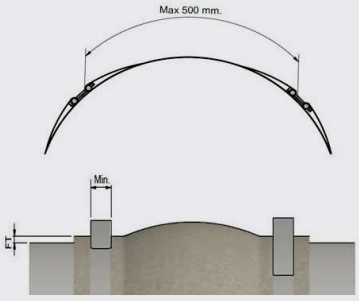
Expansion Rates	Units
Axial compression	20 % of distance between ductflanges
Lateral movements	10 % of distance between ductflanges
Required material compression to absorb the lateral movements	250 %
Installation tolerance based on designed installation length	
↳ Axial +/-	10 mm.
↳ Lateral +/-	5 mm.



Vertical flange



Flat flange for bolting



Flat flange for Clamp. Bands

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VM ConFlex 400-W

Material built up from gasside

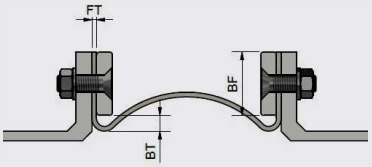
W-02 / F-01 / I-01 / T-02 / S-01-2

Flangereinforcement: F-01

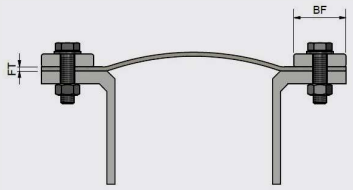
Design Parameters	Units
Body thickness (BT):	10
Flange thickness (FT):	5
Min. backing flange (BF):	40 x 10
↳ Min. bolt size:	M10
Min. width of clamping band:	20
Max. length between clamping points:	500 mm.

Operation Parameters	Units
Medium	Fluegas
Dry/wet	Dry
Max. temperature °C	400
Max. pressure	2000 mm. WG
FFH design max. temperature °C	500
Max. velocity without sleeve	10 m/s
Max. dustcontent without sleeve	10 mg/Nm^3

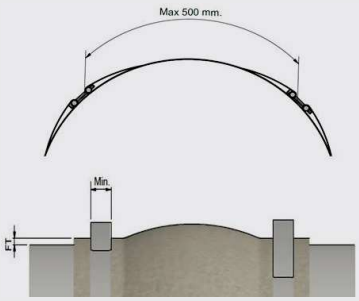
Expansion Rates	Units
Axial compression	30 % of distance between ductflanges
Lateral movements	13 % of distance between ductflanges
Required material compression to absorb the lateral movements	200 %
Installation tolerance based on designed installation length	
↳ Axial +/-	10 mm.
↳ Lateral +/-	5 mm.



Vertical flange



Flat flange for bolting



Flat flange for Clamp. Bands

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VM ConFlex 300-W

Material built up from gasside

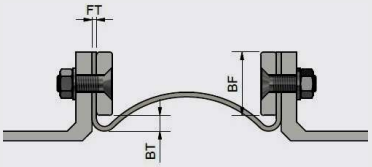
W-02 / F-02 / T-02 / S-01-2

Flangereinforcement: F-01

Design Parameters	Units
Body thickness (BT):	5
Flange thickness (FT):	4
Min. backing flange (BF):	40 x 10
↳ Min. bolt size:	M10
Min. width of clamping band:	20
Max. length between clamping points:	500 mm.

Operation Parameters	Units
Medium	Fluegas
Dry/wet	Dry
Max. temperature °C	300
Max. pressure	2000 mm. WG
FFH design max. temperature °C	425
Max. velocity without sleeve	10 m/s
Max. dustcontent without sleeve	10 mg/Nm^3

Expansion Rates	Units
Axial compression	35 % of distance between ductflanges
Lateral movements	15 % of distance between ductflanges
Required material compression to absorb the lateral movements	200 %
Installation tolerance based on designed installation length	
↳ Axial +/-	10 mm.
↳ Lateral +/-	5 mm.



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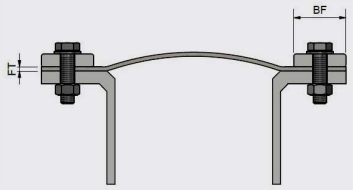
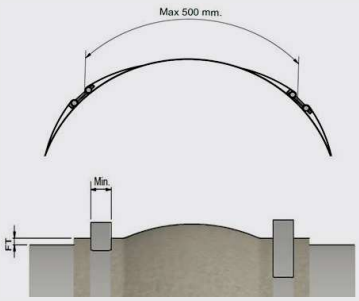


Flat flange for bolting



Flat flange for Clamp. Bands

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VM ConFlex 1000-W

Material built up from gasside

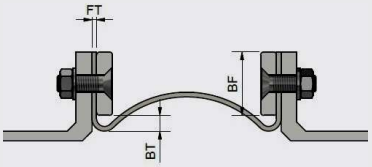
W-02 / F-04 / I-02 / I-02 / F-02 / T-02 / S-01-2

Flangereinforcement: F-03

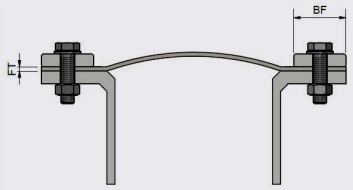
Design Parameters	Units
Body thickness (BT):	N.a.
Flange thickness (FT):	15
Min. backing flange (BF):	60 x 12
↳ Min. bolt size:	M12
Min. width of clamping band:	N.a.
Max. length between clamping points:	500 mm.

Operation Parameters	Units
Medium	Fluegas
Dry/wet	Dry
Max. temperature °C	1000
Max. pressure	800 mm. WG
FFH design max. temperature °C	1000
Max. velocity without sleeve	10 m/s
Max. dustcontent without sleeve	10 mg/Nm^3

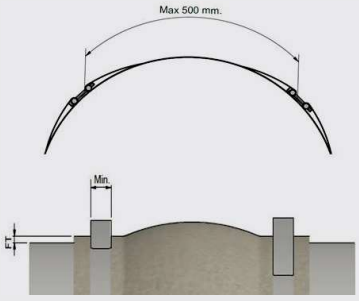
Expansion Rates	Units
Axial compression	20 % of distance between ductflanges
Lateral movements	10 % of distance between ductflanges
Required material compression to absorb the lateral movements	250 %
Installation tolerance based on designed installation length	
↳ Axial +/-	10 mm.
↳ Lateral +/-	5 mm.



Vertical flange



Flat flange for bolting



Flat flange for Clamp. Bands

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VM ConFlex 700-W-T

Material built up from gasside

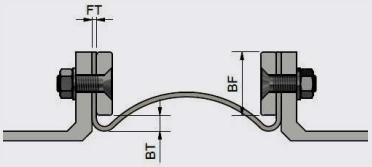
W-02 / F-04 / I-02 / I-01 / F-01 / T-02 / T-20

Flangereinforcement: F-02

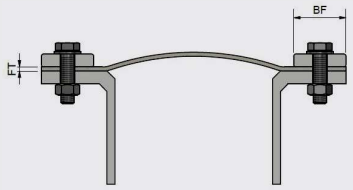
Design Parameters	Units
Body thickness (BT):	30
Flange thickness (FT):	10
Min. backing flange (BF):	60 x 12
↳ Min. bolt size:	M12
Min. width of clamping band:	N.a.
Max. length between clamping points:	500 mm.

Operation Parameters	Units
Medium	Fluegas
Dry/wet	Dry
Max. temperature °C	700
Max. pressure	1200 mm. WG
FFH design max. temperature °C	750
Max. velocity without sleeve	10 m/s
Max. dustcontent without sleeve	10 mg/Nm^3

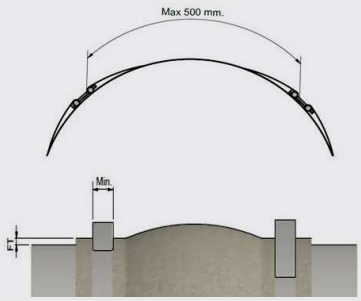
Expansion Rates	Units
Axial compression	23 % of distance between ductflanges
Lateral movements	11 % of distance between ductflanges
Required material compression to absorb the lateral movements	200 %
Installation tolerance based on designed installation length	
↳ Axial +/-	10 mm.
↳ Lateral +/-	5 mm.



Vertical flange



Flat flange for bolting



Flat flange for Clamp. Bands

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VM ConFlex 250-W

Material built up from gasside

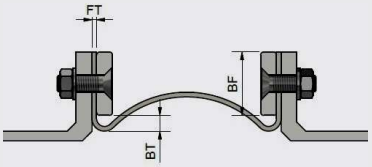
W-02 / F-01 / T-02 / S-01-2

Flangereinforcement: F-01

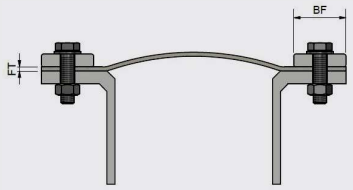
Design Parameters	Units
Body thickness (BT):	5
Flange thickness (FT):	3
Min. backing flange (BF):	40 x 10
↳ Min. bolt size:	M10
Min. width of clamping band:	20
Max. length between clamping points:	500 mm.

Operation Parameters	Units
Medium	Fluegas
Dry/wet	Dry
Max. temperature °C	250
Max. pressure	2000 mm. WG
FFH design max. temperature °C	400
Max. velocity without sleeve	10 m/s
Max. dustcontent without sleeve	10 mg/Nm^3

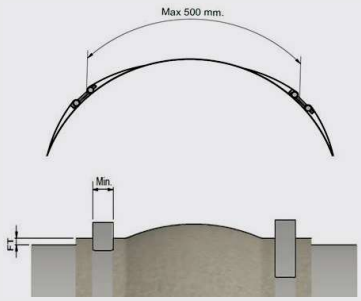
Expansion Rates	Units
Axial compression	35 % of distance between ductflanges
Lateral movements	15 % of distance between ductflanges
Required material compression to absorb the lateral movements	200 %
Installation tolerance based on designed installation length	
↳ Axial +/-	10 mm.
↳ Lateral +/-	5 mm.



Vertical flange



Flat flange for bolting



Flat flange for Clamp. Bands

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VM ConFlex 250-W-T

Material built up from gasside

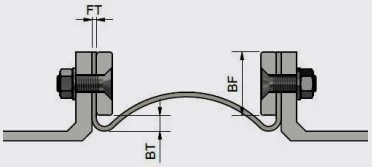
W-02 / F-01 / T-02 / T-20

Flangereinforcement: F-01

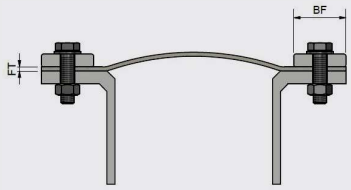
Design Parameters	Units
Body thickness (BT):	5
Flange thickness (FT):	3
Min. backing flange (BF):	40 x 10
↳ Min. bolt size:	M10
Min. width of clamping band:	20
Max. length between clamping points:	500 mm.

Operation Parameters	Units
Medium	Fluegas
Dry/wet	Dry
Max. temperature °C	250
Max. pressure	2000 mm. WG
FFH design max. temperature °C	400
Max. velocity without sleeve	10 m/s
Max. dustcontent without sleeve	10 mg/Nm^3

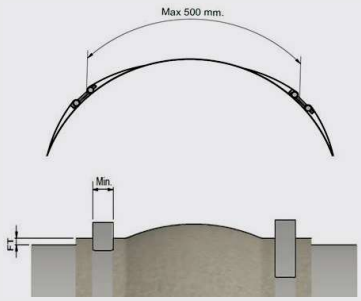
Expansion Rates	Units
Axial compression	35 % of distance between ductflanges
Lateral movements	15 % of distance between ductflanges
Required material compression to absorb the lateral movements	200 %
Installation tolerance based on designed installation length	
↳ Axial +/-	10 mm.
↳ Lateral +/-	5 mm.



Vertical flange



Flat flange for bolting



Flat flange for Clamp. Bands

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VM ConFlex 700-W

Material built up from gasside

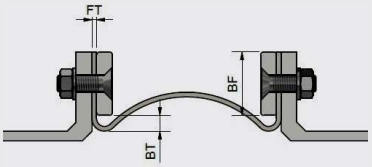
W-02 / F-04 / I-02 / I-01 / F-01 / T-02 / S-01-2

Flangereinforcement: F-02

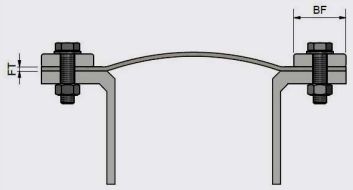
Design Parameters	Units
Body thickness (BT):	30
Flange thickness (FT):	10
Min. backing flange (BF):	60 x 12
↳ Min. bolt size:	M12
Min. width of clamping band:	N.a.
Max. length between clamping points:	500 mm.

Operation Parameters	Units
Medium	Fluegas
Dry/wet	Dry
Max. temperature °C	700
Max. pressure	1200 mm. WG
FFH design max. temperature °C	750
Max. velocity without sleeve	10 m/s
Max. dustcontent without sleeve	10 mg/Nm^3

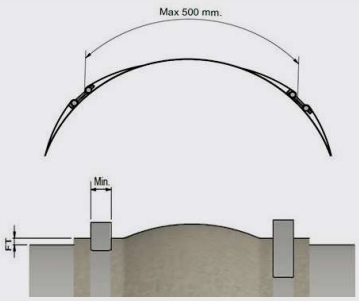
Expansion Rates	Units
Axial compression	23 % of distance between ductflanges
Lateral movements	11 % of distance between ductflanges
Required material compression to absorb the lateral movements	200 %
Installation tolerance based on designed installation length	
↳ Axial +/-	10 mm.
↳ Lateral +/-	5 mm.



Vertical flange



Flat flange for bolting



Flat flange for Clamp. Bands

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VM ConFlex 400-W-T

Material built up from gasside

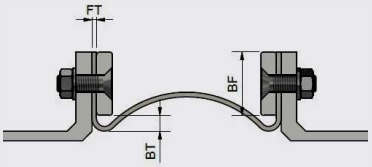
W-02 / F-01 / I-01 / T-02 / T-20

Flangereinforcement: F-01

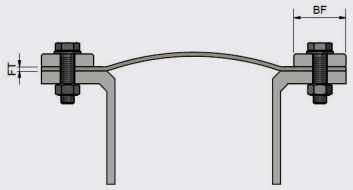
Design Parameters	Units
Body thickness (BT):	10
Flange thickness (FT):	5
Min. backing flange (BF):	40 x 10
↳ Min. bolt size:	M10
Min. width of clamping band:	20
Max. length between clamping points:	500 mm.

Operation Parameters	Units
Medium	Fluegas
Dry/wet	Dry
Max. temperature °C	400
Max. pressure	2000 mm. WG
FFH design max. temperature °C	500
Max. velocity without sleeve	10 m/s
Max. dustcontent without sleeve	10 mg/Nm^3

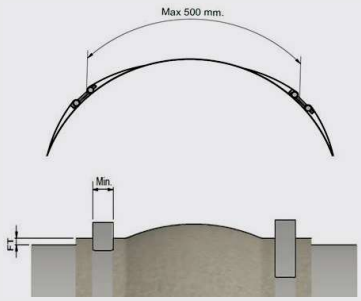
Expansion Rates	Units
Axial compression	30 % of distance between ductflanges
Lateral movements	13 % of distance between ductflanges
Required material compression to absorb the lateral movements	200 %
Installation tolerance based on designed installation length	
↳ Axial +/-	10 mm.
↳ Lateral +/-	5 mm.



Vertical flange



Flat flange for bolting



Flat flange for Clamp. Bands

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VM ConFlex 550-W

Material built up from gasside

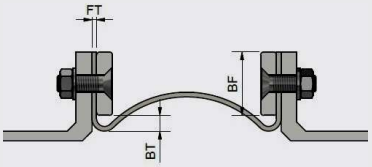
W-02 / F-01 / I-01 / I-01 / T-02 / S-01-2

Flangereinforcement: F-01

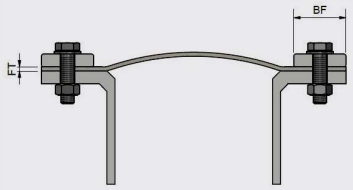
Design Parameters	Units
Body thickness (BT):	20
Flange thickness (FT):	8
Min. backing flange (BF):	40 x 10
↳ Min. bolt size:	M10
Min. width of clamping band:	20
Max. length between clamping points:	500 mm.

Operation Parameters	Units
Medium	Fluegas
Dry/wet	Dry
Max. temperature °C	550
Max. pressure	1500 mm. WG
FFH design max. temperature °C	575
Max. velocity without sleeve	10 m/s
Max. dustcontent without sleeve	10 mg/Nm^3

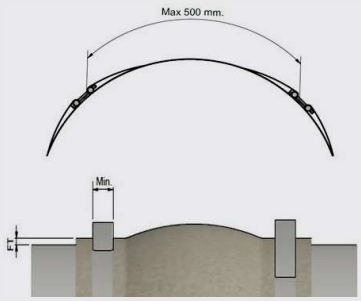
Expansion Rates	Units
Axial compression	26 % of distance between ductflanges
Lateral movements	12 % of distance between ductflanges
Required material compression to absorb the lateral movements	200 %
Installation tolerance based on designed installation length	
↳ Axial +/-	10 mm.
↳ Lateral +/-	5 mm.



Vertical flange



Flat flange for bolting



Flat flange for Clamp. Bands

VM KOMPENSATOR

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VM ConFlex 550-W-T

Material built up from gasside

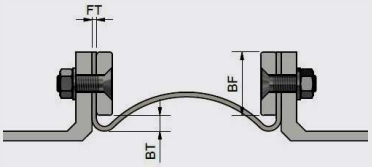
W-02 / F-01 / I-01 / I-01 / T-02 / T-20

Flangereinforcement: F-01

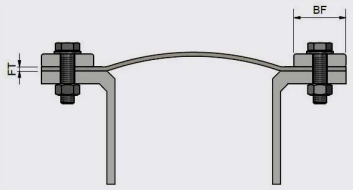
Design Parameters	Units
Body thickness (BT):	20
Flange thickness (FT):	8
Min. backing flange (BF):	40 x 10
↳ Min. bolt size:	M10
Min. width of clamping band:	20
Max. length between clamping points:	500 mm.

Operation Parameters	Units
Medium	Fluegas
Dry/wet	Dry
Max. temperature °C	550
Max. pressure	1500 mm. WG
FFH design max. temperature °C	575
Max. velocity without sleeve	10 m/s
Max. dustcontent without sleeve	10 mg/Nm^3

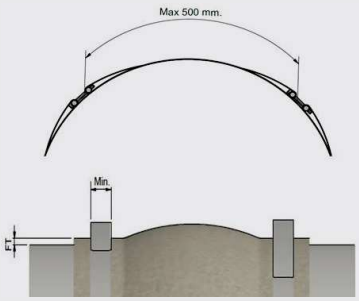
Expansion Rates	Units
Axial compression	26 % of distance between ductflanges
Lateral movements	12 % of distance between ductflanges
Required material compression to absorb the lateral movements	200 %
Installation tolerance based on designed installation length	
↳ Axial +/-	10 mm.
↳ Lateral +/-	5 mm.



Vertical flange



Flat flange for bolting



Flat flange for Clamp. Bands

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VM ConFlex 300-W-T

Material built up from gasside

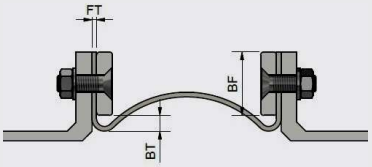
W-02 / F-02 / T-02 / T-20

Flangereinforcement: F-01

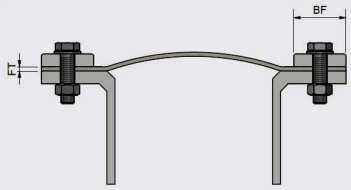
Design Parameters	Units
Body thickness (BT):	5
Flange thickness (FT):	4
Min. backing flange (BF):	40 x 10
↳ Min. bolt size:	M10
Min. width of clamping band:	20
Max. length between clamping points:	500 mm.

Operation Parameters	Units
Medium	Fluegas
Dry/wet	Dry
Max. temperature °C	300
Max. pressure	2000 mm. WG
FFH design max. temperature °C	425
Max. velocity without sleeve	10 m/s
Max. dustcontent without sleeve	10 mg/Nm^3

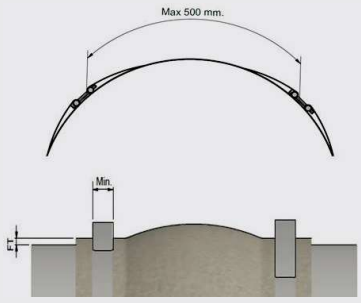
Expansion Rates	Units
Axial compression	35 % of distance between ductflanges
Lateral movements	15 % of distance between ductflanges
Required material compression to absorb the lateral movements	200 %
Installation tolerance based on designed installation length	
↳ Axial +/-	10 mm.
↳ Lateral +/-	5 mm.



Vertical flange



Flat flange for bolting



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