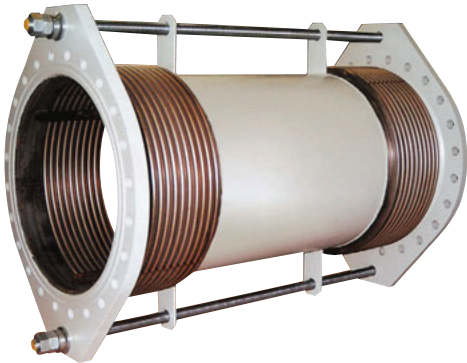


## Steel expansion joint - Type SF-25

Lateral expansion joint, movable in all planes

Customized production



### Applications

- for compensating large lateral movement
- for 3D movement absorption in pipe systems
- for reducing tension
- for installation in
  - industrial applications
  - pipe line and plant construction

### Structure type SF-25

- Vacuum-proof lateral expansion joint consisting of two stainless steel bellows with connecting pipe, pipe ends and welded flanges
- Tie rods to absorb reacting force
- Long connecting pipes allow large movements

### Steel bellows PN 10

- Multiple convolution bellows in various stainless steel grades
- One ply or multi-ply structure

Material grade *	Material No. as per DIN EN	Temperature**	Possible uses
Stainless steel	1.4541	-196 °C	Low temperature, acids, lyes, gases, fertilizers
	1.4404, 1.4571	up to +550 °C +550 °C	Media containing chloride, oil, soap, drinking water, food stuff, petrol

\* Check or inquire about the resistance of material grades to temperature and medium.  
\*\* Check or inquire about reduction in pressure by temperature.

### Flanges

#### Version

- Welded flanges
- Flange drilling for through bolts

#### Dimensions

Standard: DN 200 - DN 500 (PN 10)  
DN 32 - DN 150 (PN 16)  
according to EN 1092

Others: DIN EN, ANSI, BS etc.

Connection dimensions see technical annex

#### Materials

Standard: 1.0038 (S235JR)  
Others: stainless steel, etc.

#### Corrosion protection

Standard: anti-corrosion primed  
Others: special varnish, etc.

### Tie rod restraints

- External restraints, carried on spherical washers and conical seats

#### Materials

Standard: tie rods 8.8

Others: stainless steel, etc.

#### Corrosion protection

Standard: electrogalvanized

### Pipe ends / connecting pipe

#### Materials

Standard: 1.0345 (P235GH)  
1.0038 (S235JR)

Others: stainless steel etc.

#### Corrosion protection

Standard: anti-corrosion primed

Others: special varnish, etc.

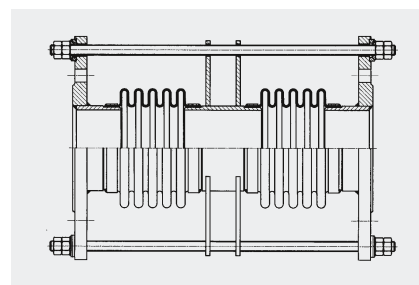
### Special designs

Other sizes (DN), lengths or pressure ratings on request.

### Certificates

- CE (DGR 97/23/EC)

### Version



Type SF-25