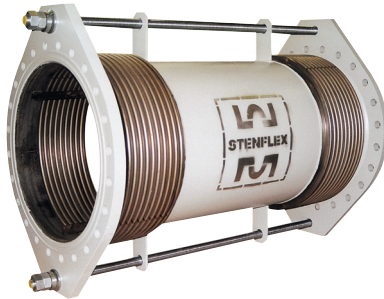


## EPSF-25

Lateral compensator,  
movable in all planes  
DN32-DN500



### Specification

- Engineered Products & Solutions, steel compensator EPSF-25.
- Vacuum proof lateral compensator consisting of two stainless steel bellows with connecting pipe, pipe ends and welded flanges.
- Tie rods to absorb reaction force.
- Long connecting pipes allow large movements.
- **Steel Bellows PN6/PN10**
  - Multiple convolution bellows in various stainless steel grades.
  - One ply or multi-ply structure.

### Materials

- Stainless Steel.

Material Grade	Material Number as per DIN EN	Temperature	Possible Uses
Stainless Steel	1.4541	-196°C up to +550°C	Low temperature, acids, lyes, gases, fertilizers. Media containing chloride, oil, soap, food stuff, petrol.
	1.4404, 14571	+550°C	

### Flanges

- Welded flanges
- Flange drilling for through bolts

### Dimensions

Standard: DN50-DN1000 (PN6) 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

- Outer 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: 1.0305 (St 35.8), 1.0038 (S235JR)  
 Others: Stainless Steel etc.

### Corrosion Protection

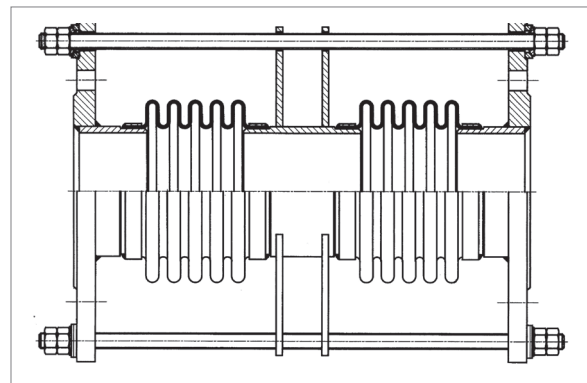
Standard: Anti-corrosion primed  
 Others: Special varnish etc.

### Applications

- For compensating large lateral movement
- For reducing tension
- For 3D movement absorption in pipe systems
- **For installation in;**
  - Pipe line and plant construction
  - Industrial applications

### Special Designs

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



Type EPSF-25