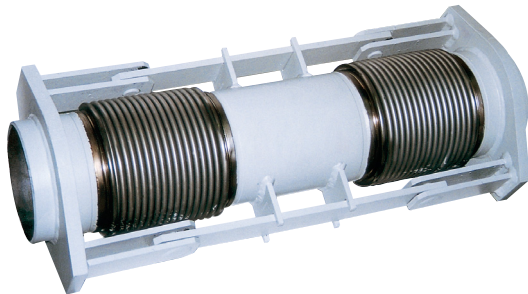


## Steel expansion joint - Type SA-24

Lateral expansion joint, movable in one plane



Customized production

### Structure type SA-24

- Vacuum-proof lateral expansion joint consisting of two stainless steel bellows with connecting pipe and welded pipe ends (welding ends)
- Welded joint bars with double hinge restraints to absorb reaction force
- Long connecting pipes allow large lateral movements

### Steel bellows PN 6 / 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	

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

### Welding ends/connecting pipe

#### Version

- Welded pipe ends and connecting pipe

#### Dimensions

Standard: see tables of type SA-13  
 Others: DIN EN, ANSI, BS etc.

#### Materials

Standard: 1.0305 (St 35.8),  
 1.0038 (S235JR)

Others: stainless steel, etc.

#### Corrosion protection

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

### Note

Please comply with the general technical instructions regarding reaction force, moving force, fixed point load, installation instructions, etc.

Subject to technical alterations and deviations resulting from the manufacturing process.

### Applications

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

### Hinge restraints

- Pivot of joint bars at center of bellows
- Joint bars control bellows movement

### Materials

Standard: 1.0038 (S235JR)

Others: stainless steel, etc.

### Corrosion protection

Standard: anti-corrosion primed

Others: special varnish, etc.

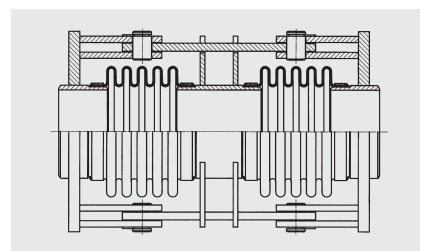
### Special designs

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

### Certificates

- CE (DGR 97/23/EC)

### Version



Type SA-24