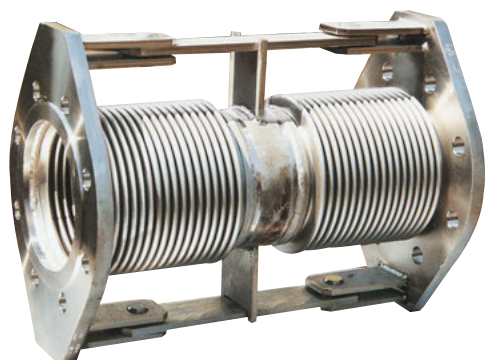




Steel expansion joint - Type SF-24

Lateral expansion joint, movable in one plane



Customized production

Structure type SF-24

- Vacuum-proof lateral expansion joint consisting of two stainless steel bellows with connecting pipe, pipe ends and welded flanges
- 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 | 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.

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 bellow's center
- Joint bars control bellow's movement

Materials

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

Corrosion protection

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

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.

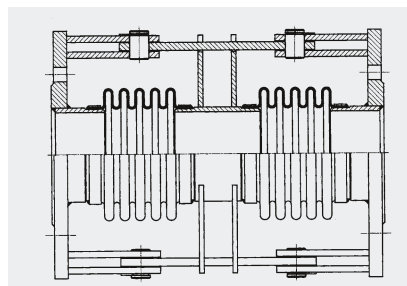
Special designs

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

Certificates

- CE (DGR 97/23/EC)

Version



Type SF-24