

CUSTOMIZED PRODUCTION

STEEL EXPANSION JOINT TYPE SA-25

LATERAL EXPANSION JOINT
MOVABLE IN ALL PLANES

STRUCTURE TYPE SA-25 / STEEL BELLOWS PN 6, 10

- Vacuum-proof lateral expansion joint consisting of two stainless steel bellows with connecting pipe and welded pipe ends (welding ends)
- Welded joint bars with tie rods to absorb reaction force
- Long connecting pipes allow large lateral movements
- Multiple convolution bellows in various stainless steel grades
- Single ply or multi-ply structure

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

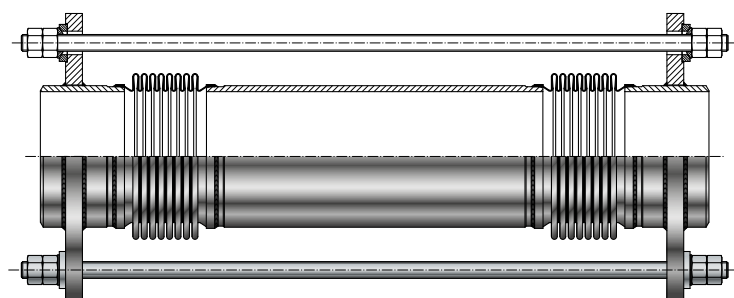
* Check or inquire about the resistance of material grades to temperature and medium.

** Check or inquire about reduction in pressure by temperature.

WELDING ENDS / CONNECTING PIPE / VERSIONS

- Welded pipe ends and connecting pipe

	Standard	Others
Dimensions	see table of type SA13	on request
Materials	1.0345 (P235GH) 1.0038 (S235JR)	stainless steel etc.
Corrosion protection	anti-corrosion primed	special varnish etc.



Type SA-25

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

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

SPECIAL DESIGN

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

CERTIFICATES

- CE (PED 2014/68/EU)