

## CUSTOMIZED PRODUCTION

## STEEL EXPANSION JOINT TYPE SA-23

LATERAL  
EXPANSION JOINT

## STRUCTURE TYPE SA-23 / STEEL BELLOWS PN 1, PN 6

- Vacuum-proof lateral expansion joint consisting of two stainless steel bellows with connecting pipe and welded pipe ends (welding ends)
- Suitable for simultaneous movements
- 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

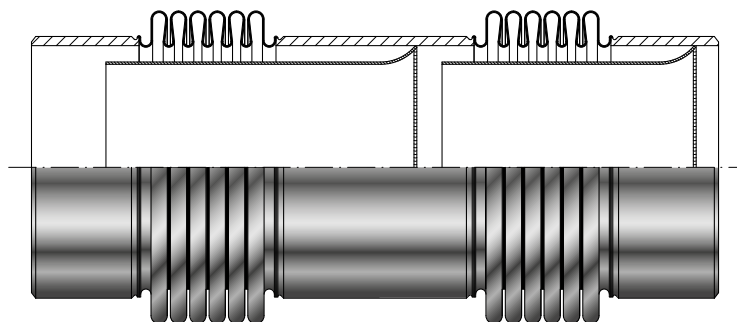
\* Check or inquire about the resistance of material grades to temperature and medium.

\*\* 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-23 with inner guide sleeve

## 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 simultaneous axial and lateral movement
- for reducing tension, in pipes and their system components, e.g.
  - compressors
  - engines
  - turbines
  - machines
  - process plants
- for installation in
  - long pipe routings
  - industrial applications
  - exhaust systems
  - heating installations
- to compensate for installation inaccuracies

## SPECIAL DESIGN

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

## CERTIFICATES

- CE (PED 2014/68/EU)
- American Bureau of Shipping
- Bureau Veritas
- RINA
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## ACCESSORIES

- Internal guide sleeve
- Protective tube