

Again and again ...optimum solutions.



A lot of them are customized solutions, which means that we can design and manufacture exactly the compensator that solves your problem.

If further information about the specific references is required please do not hesitate to contact us!



Chemical plant



Lateral compensator for a chemical plant.

Nominal diameter: DN 1400
Built-in length: 2330 mm
Medium: Exhaust gas
Operating temperature: 20-240 °C
Operating pressure: 0-4 bar

District heating pipeline



Lateral compensators for a district heating pipeline in Germany.

Nominal diameter: DN 800
Built-in length: 1875 mm.
Medium: District heating water
Operating temperature: 20-136°C
Operating pressure: 0-25 bar

176 compensators for a sugar factory



Lateral compensators with restraints for a sugar factory in Germany. The compensators are installed near the pumps to among others lower the vibrations.

Nominal diameter: DN 100 -700
Built-in length: 260-1200 mm.
Medium: Different, e.g. steam, alcoholic must, fluid substrate etc.
Operating temperature: 40-187°C
Operating pressure: 0-11,5 bar

Chamber expansion joint



This compensator is installed at an asphalt producer in France. In the chamber expansion joint the oil is kept warm and easy-flowing between the outer and the inner bellow.

The compensator can absorb both axial and lateral movements.

Nominal diameter: DN 175 and DN 125
Built-in length: 365 mm.
Medium: Asphalt (Bitumen)
Operating temperature: 20-200°C
Operating pressure: 0-6 bar

Compensator with a nominal diameter of DN 3400



Large nominal diameters are also possible to manufacture. A compensator DN 3400 is on the way to Austria.

Universal compensator
Nominal diameter: DN 3400
Built-in length: 610 mm
Medium: Soapy water
Operating temperature: 20-70°C
Operating pressure: 0-1,5 bar

Special design



A compensator, with a large built-in length, for an oil refinery in Austria.

Nominal diameter: DN 500
Built-in length: 9000 mm.
Operating temperature: 500°C
Operating pressure: 0-3 bar

Corner relief expansion joint

Steamturbine in Sweden



This corner relief expansion joint is installed in a steam turbine in Sweden. Special about this compensator is that it is made from highly corrosion resistant material - Duplex.

Nominal diameter: DN 800 and DN 1000
Built-in length: 340 mm
Medium: Air / steam
Operating temperature: 20/250°C
Operating pressure: 0/4,5 bar

Steam turbine in Singapore



2 corner relief expansion joints for a steam turbine in Singapore. Are installed between the turbine and the condenser.

Nominal diameter: DN 2000
Built-in length: 5500 mm.
Medium: Steam
Operating temperature: 250°C
Operating pressure: FV/ 1 bar
Weight: 6,3 tonne
Flow velocity: 345 km/h

Long service life



10 years ago this corner relief expansion joint was installed in a steam turbine in Sweden – and it is still operating as intended.

Nominal diameter: DN 800
Medium: Air / Steam
Operating temperature: 350 °C
Operating pressure: 1,5 bar

Pressure balanced expansion joint

District heating plant in Latvia



This pressure balanced expansion joint is installed in a district heating plant in Latvia, with the purpose of lowering the forces the fix points are exposed to.

Nominal diameter: DN 1200
Built-in length: 1440 mm
Medium: District heating water
Operating temperature: 200°C
Operating pressure: 2 bar.

District heating plant



This pressure balanced expansion joint is also installed in a district heating plant. It differs from the compensator beside because this one has inner restraints.

Nominal diameter: DN 700
Built-in length: 1120 mm
Medium: District heating water
Operating temperature: 150°C
Operating pressure: 16 bar

District heating plant in Germany



These 3 pressure balanced expansion joints are installed near the pumps in a district heating plant.

Nominal diameter: DN 300
Built-in length: 979 mm.
Medium: District heating water
Operating temperature: 90 °C
Operating pressure: 0-14 bar

Compensator for high temperatures



This compensator is installed in the pipeline at a carbon producer. Carbon is produced at a high temperature and at imperfect combustion. To subdue heating the pipeline normally is brick-lined. Our compensator is designed in a very special way, which result that the high temperature of the medium does not get in touch with the vulnerable bellow.

Nominal diameter: DN 1200
Built-in length: 1800 mm
Medium: Exhaust
Operating temperature: inside 1000°C, outside 70°C
Operating pressure: 1 bar

High pressure



Lateral compensators

Nominal diameter: DN 150
Built-in length: 160 mm
Medium: Mine water
Operating temperature: 120°C
Operating pressure: 40 bar

Compensator with a perforated guide pipe



Inside the compensator a perforated guide pipe is mounted. This guide pipe serves the purpose that turbulence are avoided and that fluctuation in the Medium is reduced.

And....

..of course we can also supply you standard compensators. All these can be seen from our standard program – there are many!

If your project demands special sizes or design – Then we are looking forward to receive your inquiry!

Processing plant



This lateral compensator with tie rods is installed in a processing plant at a producer of lye.

Nominal diameter: DN 500
Built-in length: 650 mm
Medium: Gas
Operating temperature: -20/150°C
Operating pressure: -1/2 bar



Contact: