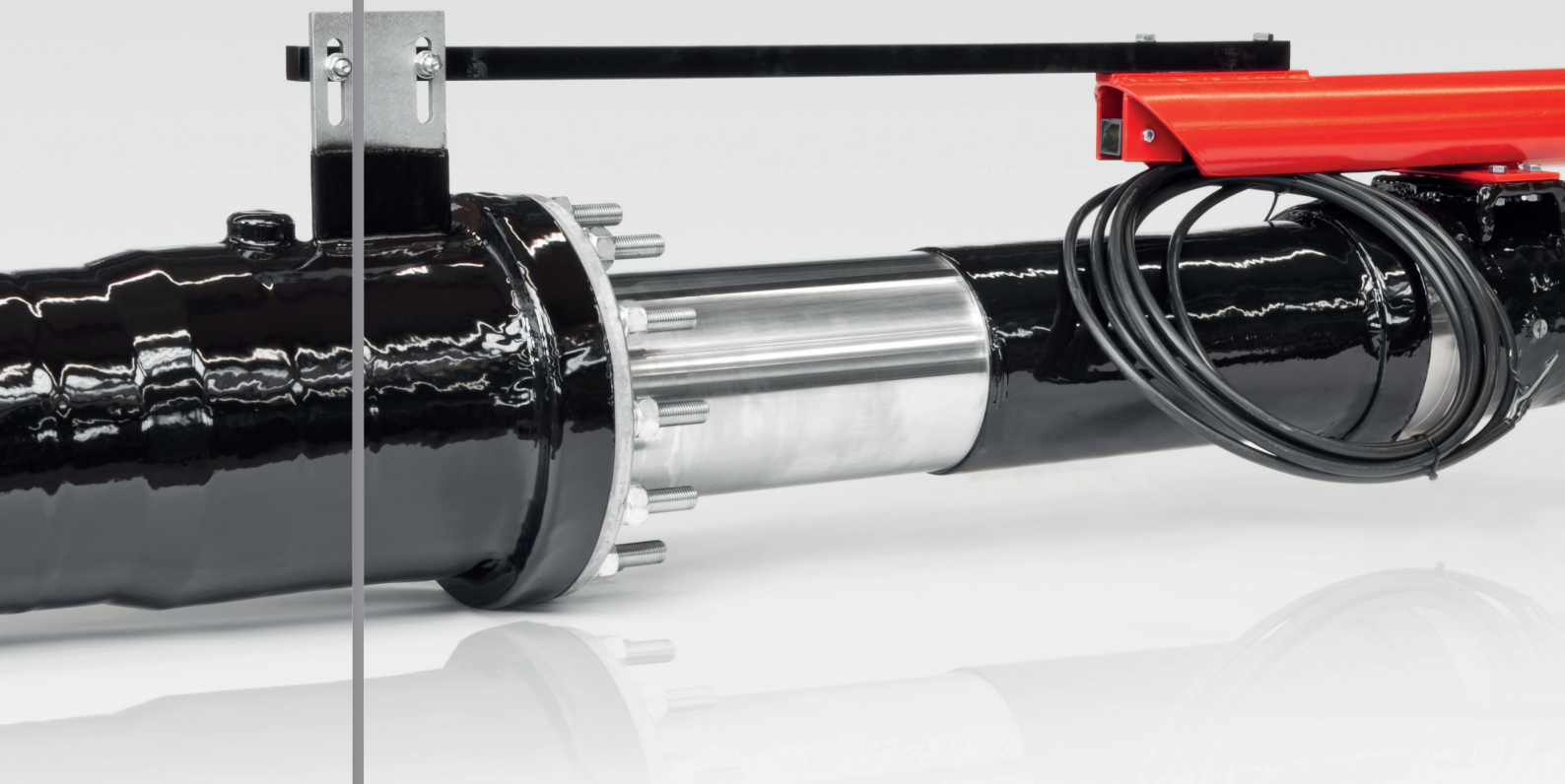


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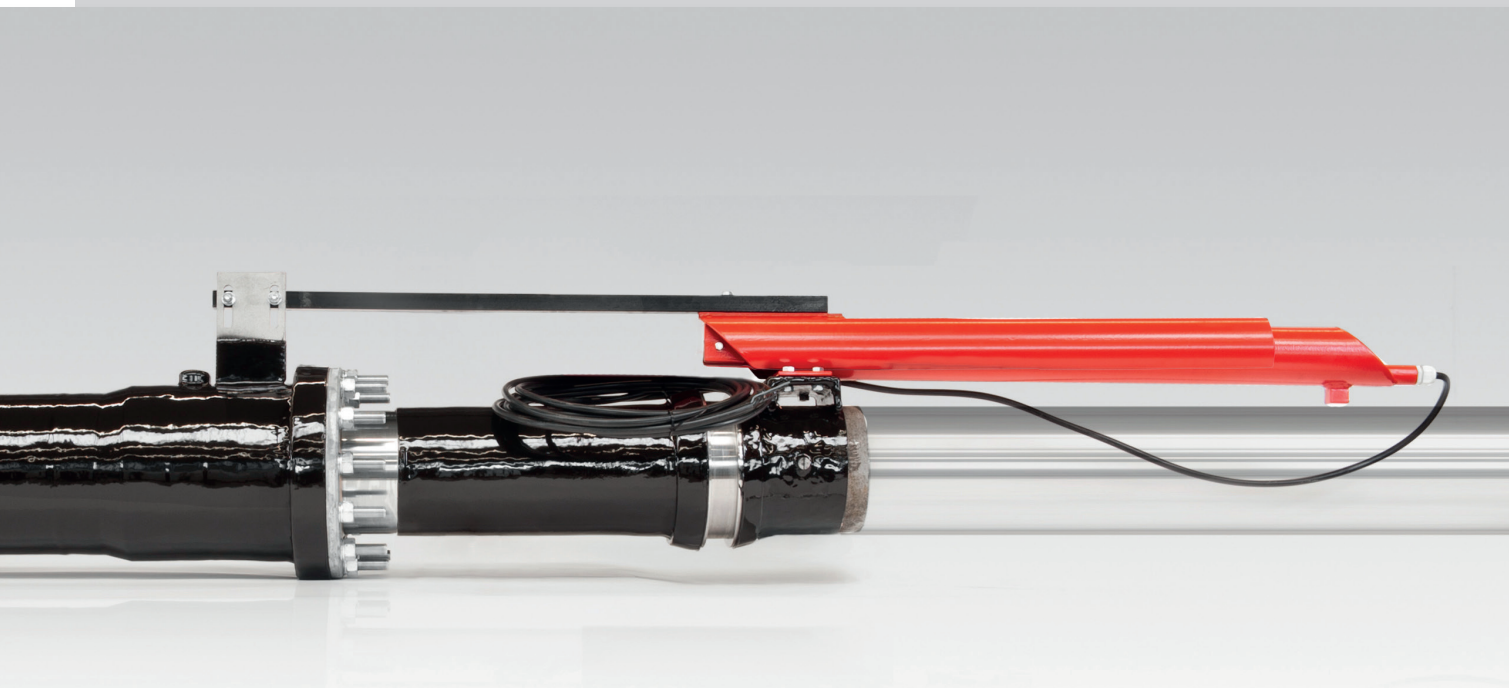
**SCHUCK SDS-TYPE EXPANDER**

Maintenance-free, self-sealing expansion joint that is freely-movable, mounted and sealed with respect to the interior and the exterior.



## SCHUCK SDS-TYPE EXPANDER

Maintenance-free, self-sealing expansion joint that is freely-movable, mounted and sealed with respect to the interior and the exterior.



### APPLICATIONS

Equalization of length-wise changes at the pipe-lines – Elongation and shortening, +/- 400 mm (standard)

Recommended for use in: Subsidence sites, earthquake-prone areas – Thermally-induced changes in length (e.g. in case of solar irradiation)

For gas, oil and water lines



### MANUFACTURING

L360NB pipes as per EN 10208-3

≤ PN16: DIN 2470 - Section 1

> PN16: DVGW (German Association for Gas and Water) G463

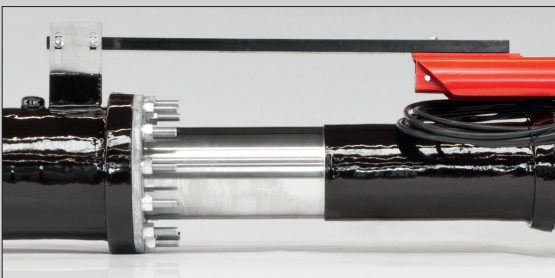
AD 2000 fact sheets

As per EN 10204 with inspection certificate 3.1 inspection certificate 3.2



## PRODUCT FEATURES

- » Two gasket kits that work independently of each other
- » No re-tightening of the sealing system
- » Large torques possible in case of movement/flexion
- » Defined separation of the two seals
- » Combined wiper system
- » Long-lasting lubrication of the sliding surfaces
- » Separate test of the sealing systems
- » Light adjustability
- » For nominal pressures of up to 100 bar
- » Piggable (along one direction)
- » Ready-to-mount component
- » Reusable



## DESIGN

Maintenance-free, self-sealing expander (compensator)

freely-movable, mounted structure that is sealed with respect to the interior and the exterior

Guidance / sealing through two systems that are separated from each other, sealing systems can be tested separately

The wiper prevents the entry of fine particles such as dust particles etc.

Smooth-running guidance systems, long-lasting lubrication of all movable parts, protection for the parts that are in danger of being corroded

## STANDARD MATERIALS

L360NB pipes as per EN 10208-3

P355 N pipes as per EN 10216-3

S355J2+N forgings as per EN 10025

Screwed bolts - comparable to 24CrMo5, as per AD W7 (inspection certificate 3.2)



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We manufacture and distribute components for connecting pipeline systems in more than 50 countries, with 5 international offices and over 40 years of experience.

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