



# ADJUSTABLE HYDRA® EXPANSION JOINT

## Application

Tank connection of crude oil tanks to compensate for ground subsidence and movements

## Technical data

- DN: 700; Component length: 7000 mm
- PN: 25; Test pressure: 28 bar
- Weight: 3,225 kg
- Temperature: 80 °C
- Movement absorption:  
± 450 mm lateral; ± 30 mm axial
- Material: 1.4571 (V4A)

## Special features

- Axial adjustability of the lateral expansion joints via the anchorages to compensate for mounting displacement and to facilitate fitting
- Use of special materials due to the seawater resistance required
- Multi-layer coating of the entire component according to comprehensive customer specifications
- X-rays of all butt welds



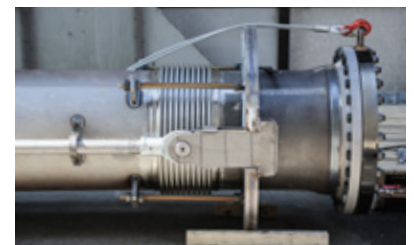
TÜV- monitored pressure test of the 7-metre long component at 28 bar



Axially adjustable anchorage



A multi-layer external epoxy coating to provide corrosion protection



Blind flange for the elaborate pressure testing