



# 70 HYDRA® EXPANSION JOINTS FOR AIR SEPARATION UNITS

## Application

Air Separation Unit in chemical plant

## Technical data

- From DN 250 to DN 1600
- PN 1 to PN 16
- Weight: 600 kg to 2170 kg
- Design in accordance with ASME B31.3 and customer specifications

## Special features

- Low adjustment forces due to optimisation of both bellows geometry and anchoring elements
- Low loads on pipelines since there are no reaction forces
- Anchoring elements serve to carry additional weight load from pipe system
- Compact design
- Comprehensive inspection documentation as per customer specifications



Bellows fitted with inner sleeve to prevent pressure loss from flow resistance and to avoid vibration induced by turbulences



Five of 70 expansion joints following internal visual inspection



Rounded anchoring elements around the circumference to absorb pressure reaction forces



Total of 12 convolutions enable required movement absorption