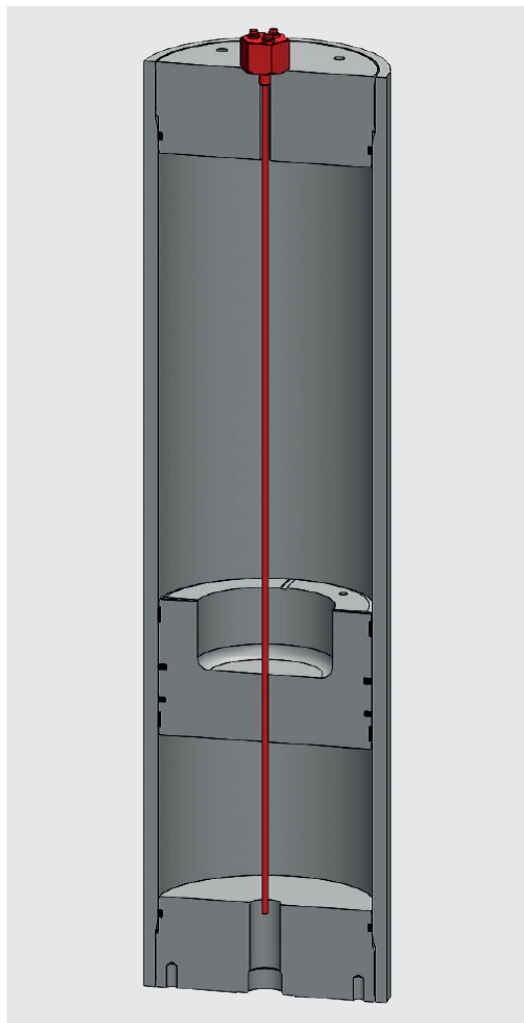
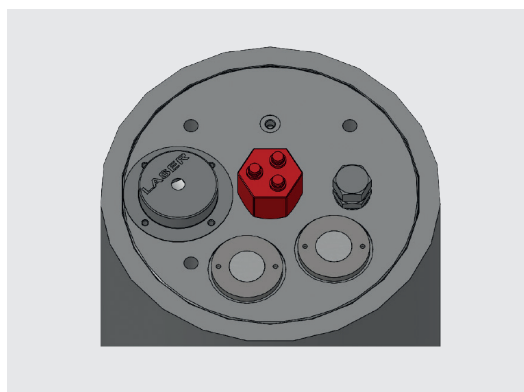


Piston Position Indicators SK with internal mounted HLT



Example: SK210-80 litres



Piston accumulator with supplementary
equipment: HYDAC HLT2103

DESCRIPTION

To monitor the piston position in a piston accumulator continuously, HYDAC piston accumulators can be equipped with a linear position transmitter (HLT).

For the additional equipment, the HLT is assembled on the gas side cover or the fluid side cover of the piston accumulator and will be passed through a centric bore in the piston. A special sealing system at the centric bore cares of the separation of gas and fluid side.

FUNCTION

The measuring principle (magnetostriction) determines continuously the position of the piston and the piston speed and is based on elapsed time measurement.

Via a transmitter in the sensor head of the HLT, a mechanical oscillation will be detected and translated into an electrical output signal.

The different output signals enable connection to all HYDAC measurement and control devices as well as standard evaluation systems (e.g. PLC controls).

ADVANTAGES / CUSTOMER BENEFITS

Continuous monitoring of

- Piston position
- Piston velocity

Machine availability

- Optimisation of productivity
- Reduction of maintenance