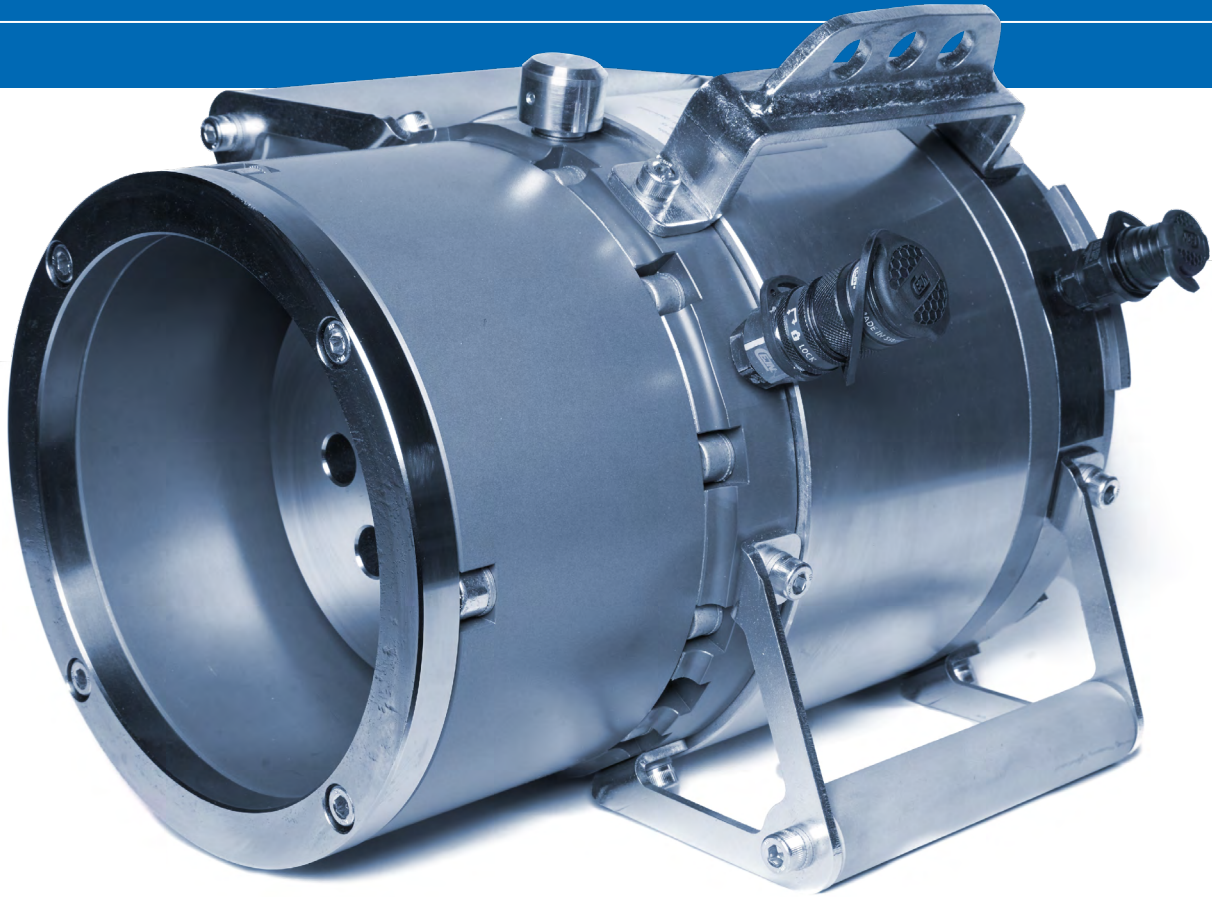


Hydraulic Wedge Locking Cylinder ANP-VKZ



Efficient Pre-Locking of Anchors

The hydraulic wedge locking cylinder (VKZ) from ANP-ES GmbH has been specifically developed for the controlled hydraulic pre-locking of anchors. Its compact and innovative design ensures precise and uniform force transmission — even in confined spaces or under demanding construction site conditions.

The robust system enables powerful locking of wedge carriers with minimal effort. Its compact construction allows for easy handling and quick readiness for use. Thanks to the bayonet coupling system, the ANP-VKZ can be flexibly connected to various hollow-piston cylinders and offers maximum safety in daily operation due to its high load capacity.

The hydraulic control allows for finely adjustable movement of the wedges, preventing damage to materials and anchors. When combined with ANP-ES hydraulic components, it forms a perfectly coordinated system for precise, repeatable, and safe work processes.

Key Advantages at a Glance:

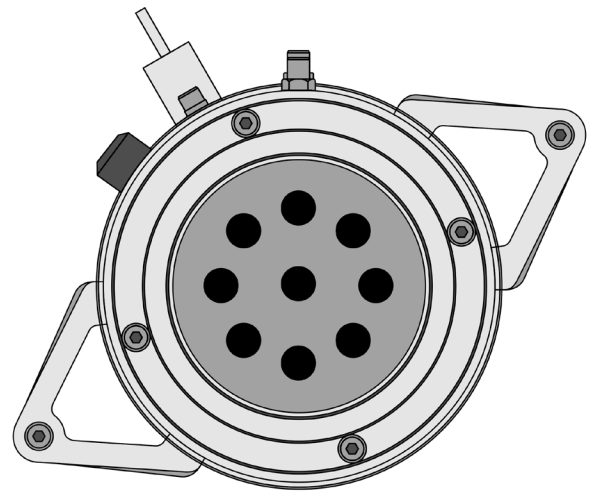
- Fast and safe locking and releasing of anchors
- Even force distribution through hydraulic drive
- Compact design for easy handling
- High load capacity and durability
- Precise control for controlled movement sequences
- Compatible with common ANP-ES hydraulic systems
- Ideal for prestressing, testing, and maintenance work



Technical Data – ANP-VKZ

General Information

Designation:	Hydraulic Wedge Locking Device VKZ_1700
Max. distribution force:	852 kN
Max. stroke:	60 mm
Max. prestressing force:	1,700 kN
Max. forward pressure:	700 bar
Max. return pressure:	100 bar
Weight:	41.50 kg

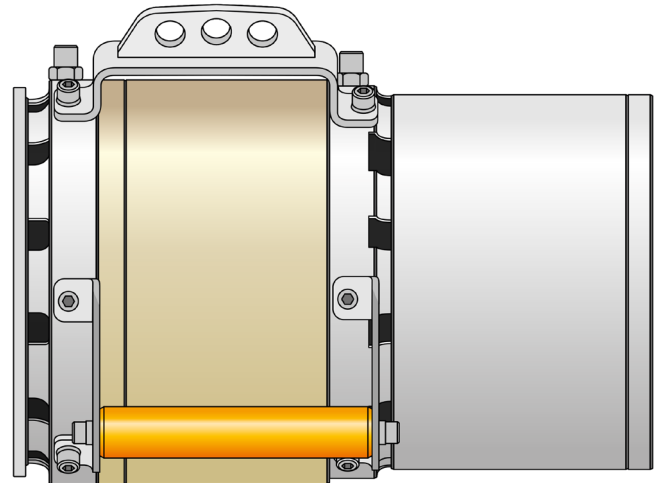


Hauptabmessungen

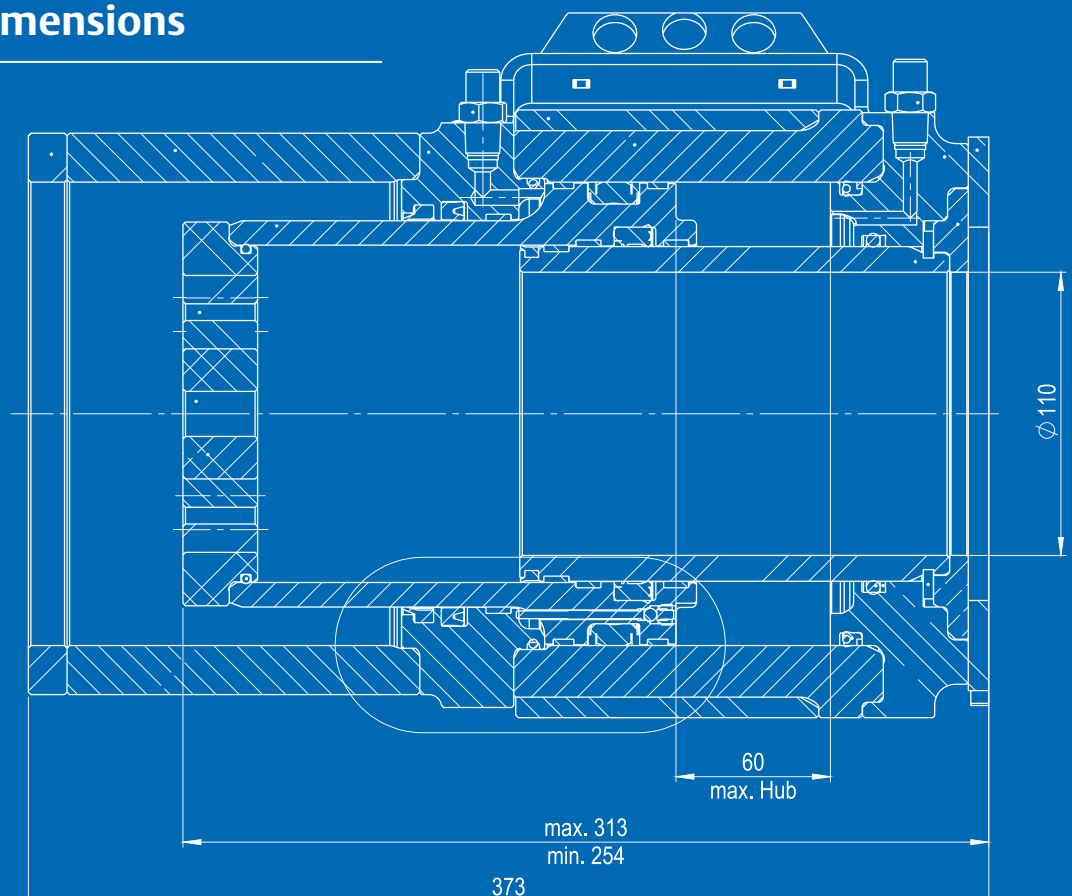
Max. stroke:	60 mm
Overall length (max.):	373 mm
Length range:	min. 254 mm, max. 313 mm
Outer diameter:	ø236 mm

Application

For locking strand anchors with 5 to 9 strands and a strand diameter of 0.60" and 0.62".



ANP-VKZ 1700 Dimensions



» link to
explanatory video

