



Piston diameter	$\varnothing d_p$	125 mm
Stroke	s	80 mm
Max. operating pressure	p_{max}	250 bar
Max. cylinder force pushing	$F_{max\ push}$	306 kN
Max. cylinder force pulling	$F_{max\ pull}$	210 kN
Weight	m	130 kg

Application:

- Rotor Lock for wind turbines

Description:

- The rotor lock RLH125 is a [Hydraulically Applied, Form-Closed](#) lock for wind turbine rotors.
- The RLH125 consists of a double action hydraulic cylinder that pushes a conical locking stud into a support on the rotor. Any further rotation is blocked until the stud is hydraulically retracted.
- Optionally the RLH125 can be equipped with a manually activated safety system that keeps the end position of the stud fixed independent from hydraulic pressure.

Design Advantage:

- Compact and robust construction
- Long service life
- Virtually maintenance free
- Limit switches for lock status - "rotor locked" and/or "rotor unlocked"
- Optionally equipped with manual safety system for maximum safety
- Basic design easily adaptable to different mounting requirements