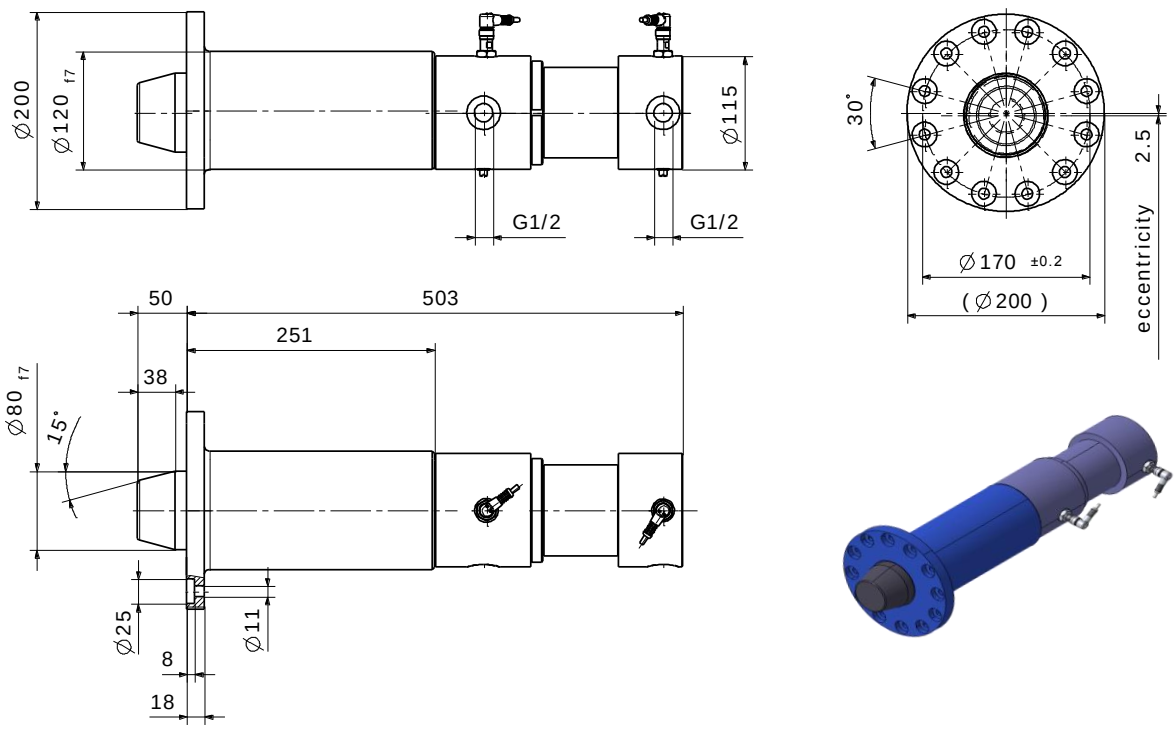
Rotor lock without optional manual safety system



Piston diameter	$\varnothing d_P$	80 mm
Stroke	s	50 mm
Operating pressure	p	200 bar
Max. plant pressure	p_{max}	250 bar
Weight	m	50 kg

Application:

- **Rotor Lock for wind turbines**

Description:

- The rotor lock RLH80 is a Hydraulically Applied, Form-Closed lock for wind turbine rotors.
- The RLH80 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 RLH80 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
- Eccentric bearing seat for easy adjustment
- Limit switches for lock status - “rotor locked” or “rotor unlocked”
- Optionally, equipped with manual safety system for maximum safety
- Basic design easily adaptable to different mounting requirements

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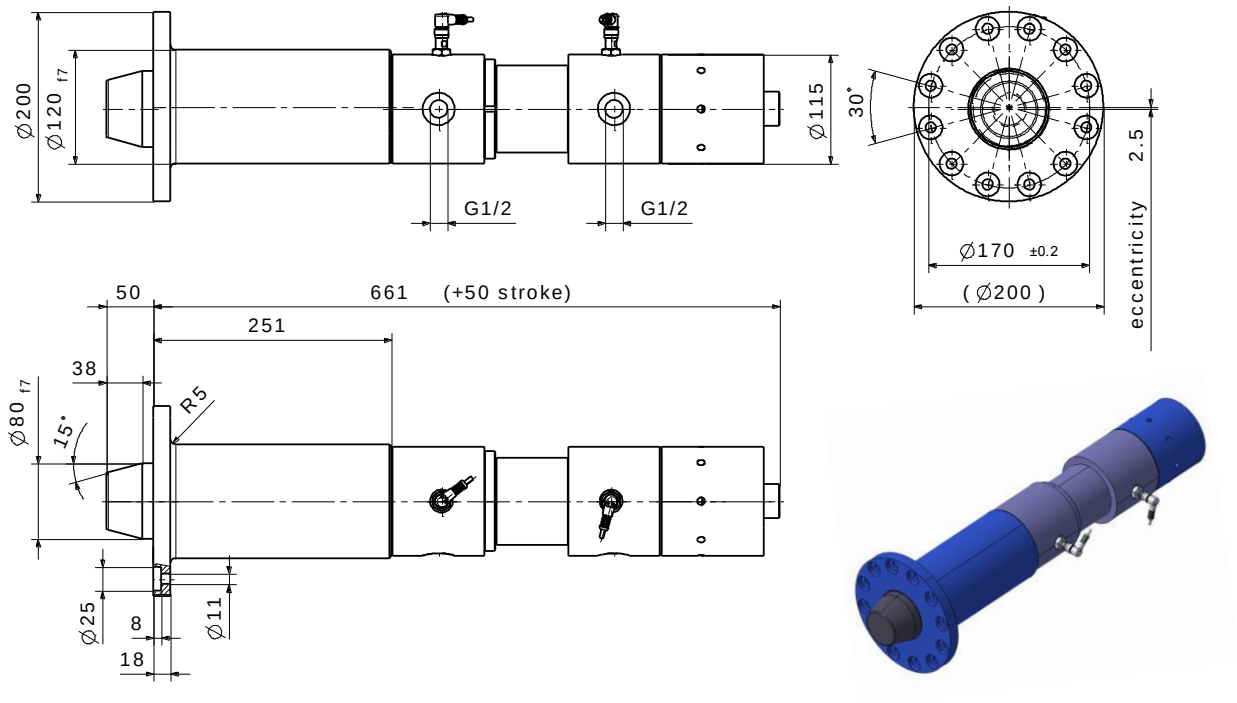
Rotor lock with optional manual safety system



Piston diameter	$\varnothing d_P$	80 mm
Stroke	s	50 mm
Operating pressure	p	200 bar
Max. plant pressure	p_{max}	250 bar
Weight	m	62 kg

Application:

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