

Rotor lock

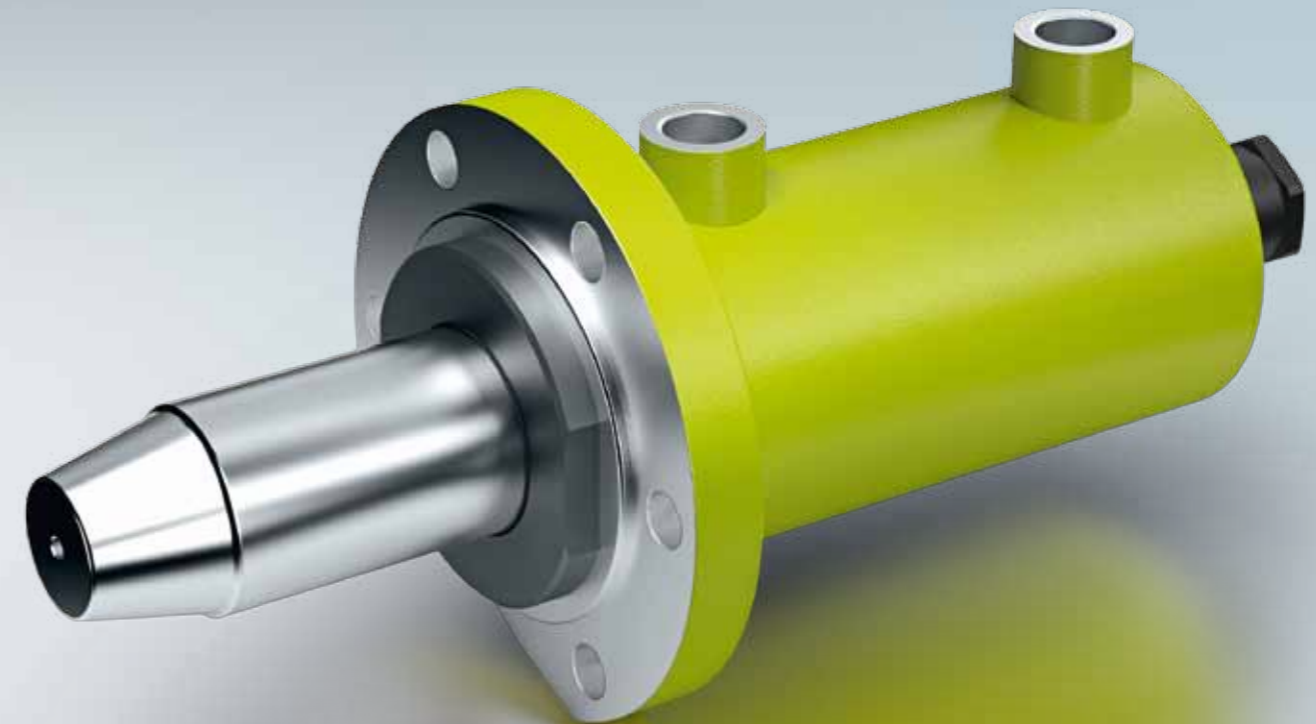
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If you know exactly what is needed, the result always seems so simple. I'm proud when our expertise is not obvious at first glance, but simply works better – and above all, perfectly safe and reliable.

Elke Rexforth, Partner

JHS-R80



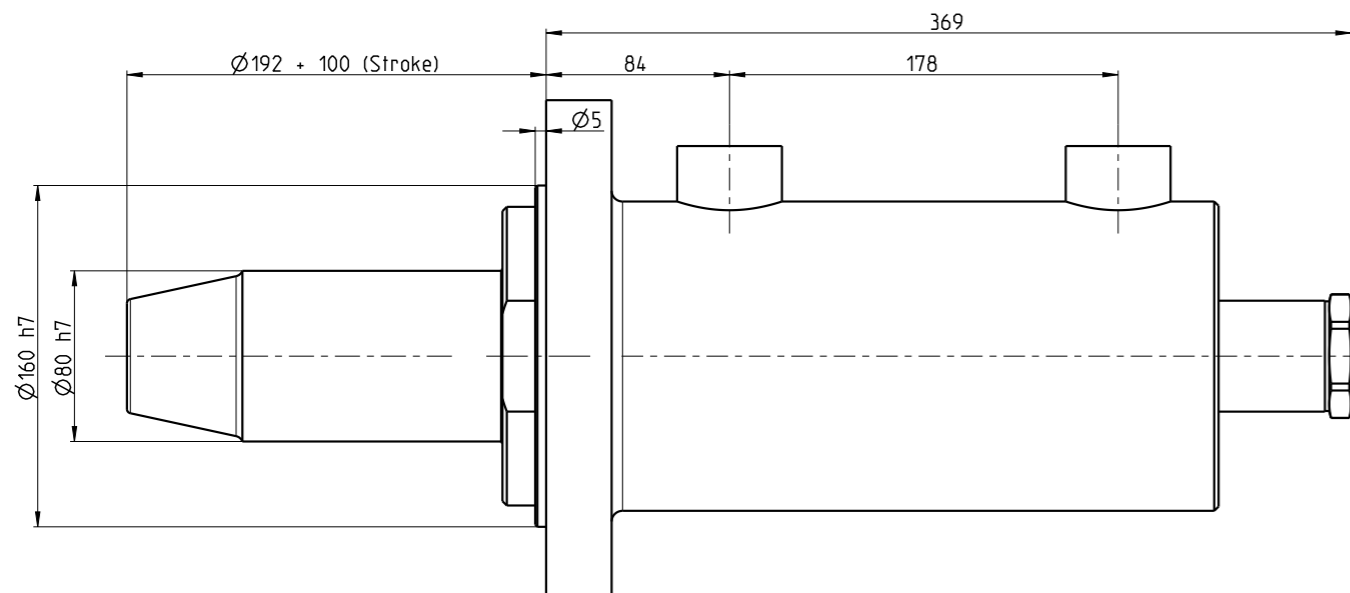
- Hydraulic operation
- Standard design
- Monitoring and display of end position "rotor locked/rotor unlocked"
- Low-maintenance design



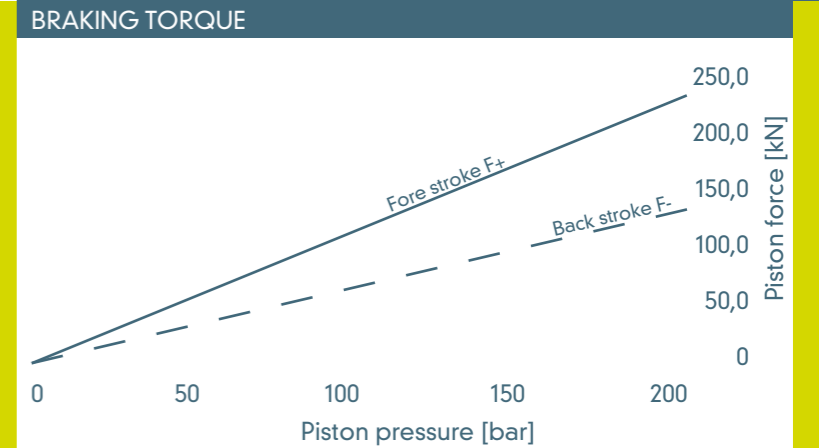
JHS-R80

The rotor lock is used for safety purposes during maintenance operations to stop the rotor mechanically. A bolt is being extended and engages the rotor lock disc.

The respective end position of the lock bolt is monitored and a corresponding signal transmitted to the turbine control. This allows safe maintenance work.



TYPE JHS-R80	
Weight	50 kg
Outer dimensions (in lock position) \varnothing 240 x 600 mm	
Full stroke	100 mm
Operating pressure p (max)	210 bar
Max. force fore stroke F+	237,5 kN
Max. force back stroke F-	132 kN
Piston diameter	120,0 mm
Piston area fore stroke	113,1 cm ²
Piston area back stroke	62,8 cm ²
Oil volume per 1 mm stroke	11,3 cm ³
Oil volume per 75 mm stroke	848,2 cm ³
Time for activation	60 s
Temperature range	-40 / +60 °C
Pressure connection port	2 x G1



- OPTIONS
- Hydraulically operated systems provided with check valves