

Rotor lock



hält



Customer-specific solutions – based on sound and proven components – are one of our principles evident in many areas of our company. The JHS-R240 series is a perfect example of this.

Margot Bucher, Office Administration



JHS-R240

JHS-R240-154



JHS-R240-M



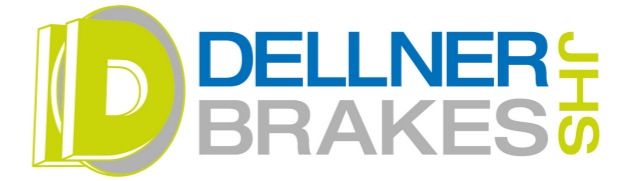
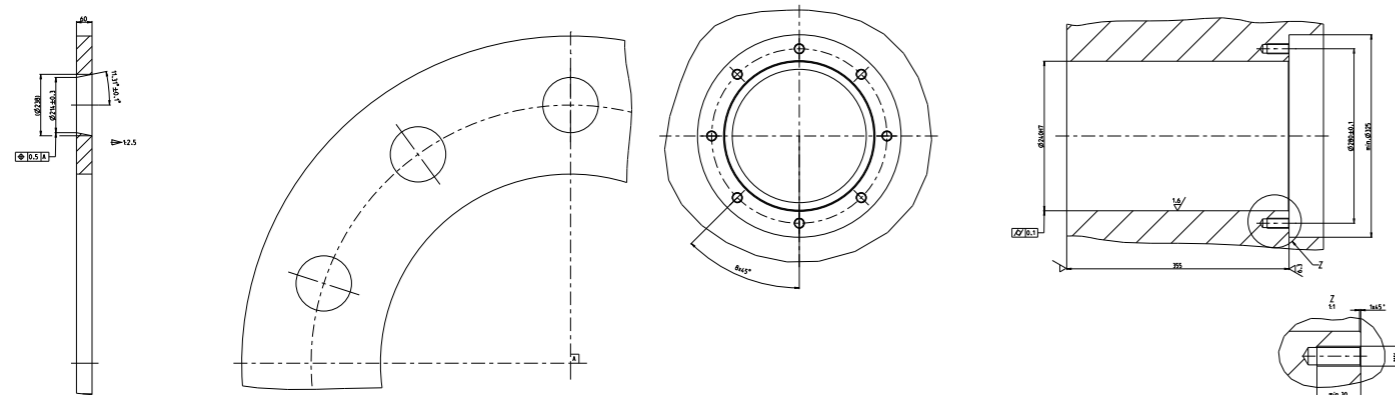
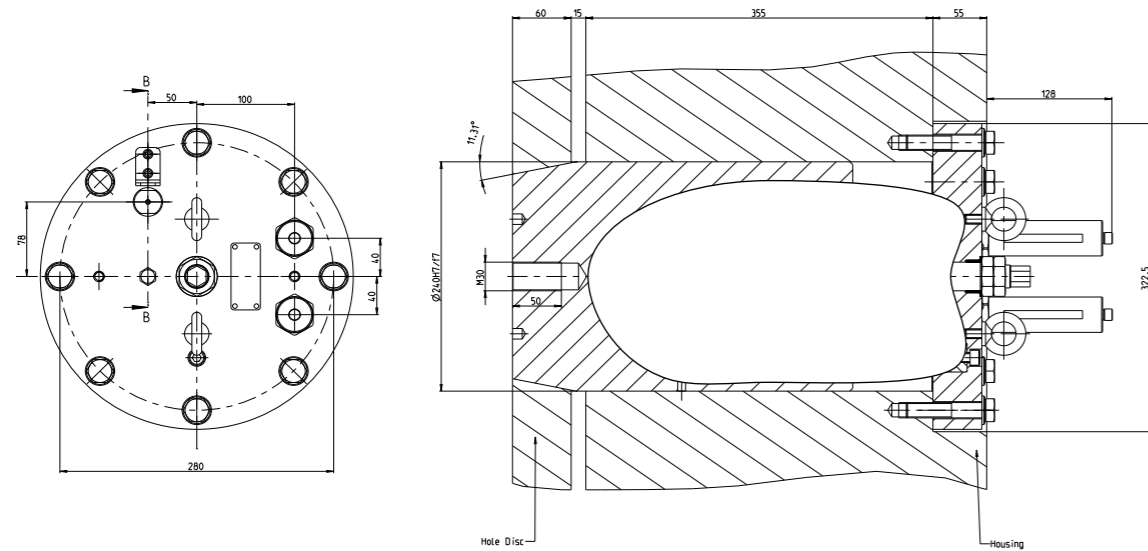
- Hydraulic operation
- Standard design
- Monitoring and display of end position "rotor locked/rotor unlocked"
- Low-maintenance design

JHS-R240-M

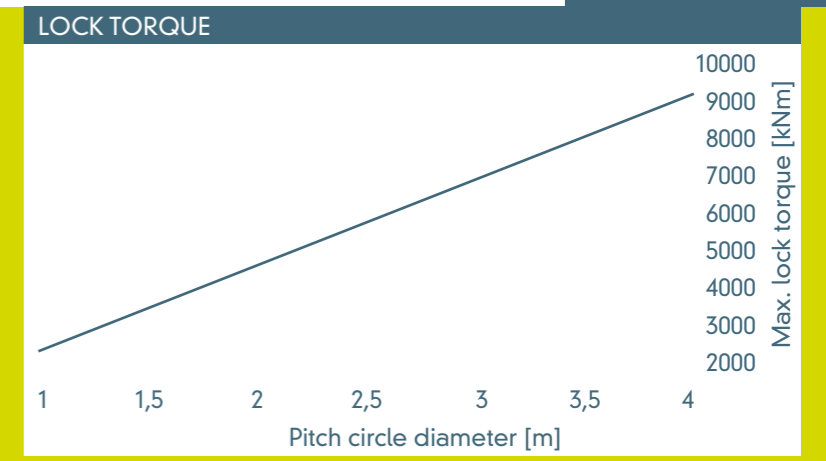


The rotor lock is used for safety purposes during maintenance operations to stop the rotor mechanically. A bolt is being extended and engages the rotor lock disc.

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-R240-M	
Weight	150 kg
Outer dimensions (in lock position)	∅ 320 x 495 mm
Full stroke*	80 mm
Max. lateral force F_L	4600 kN
Temperature range	-40 / +60 °C
* different strokes on request	



LOCK TORQUE	
Lock torque formular:	
$M_L = a \times F_L \times D_{eff} / 2$	
M_L	= Locking torque [kNm]
a	= Number of rotor locks acting on the disc
F_L	= Max. lateral force for the rotor lock [kN]
D_{eff}	= Effective pitch circle diameter [m]

OPTIONS	
• With redundant lock switches as back up	
• Position locking plate	