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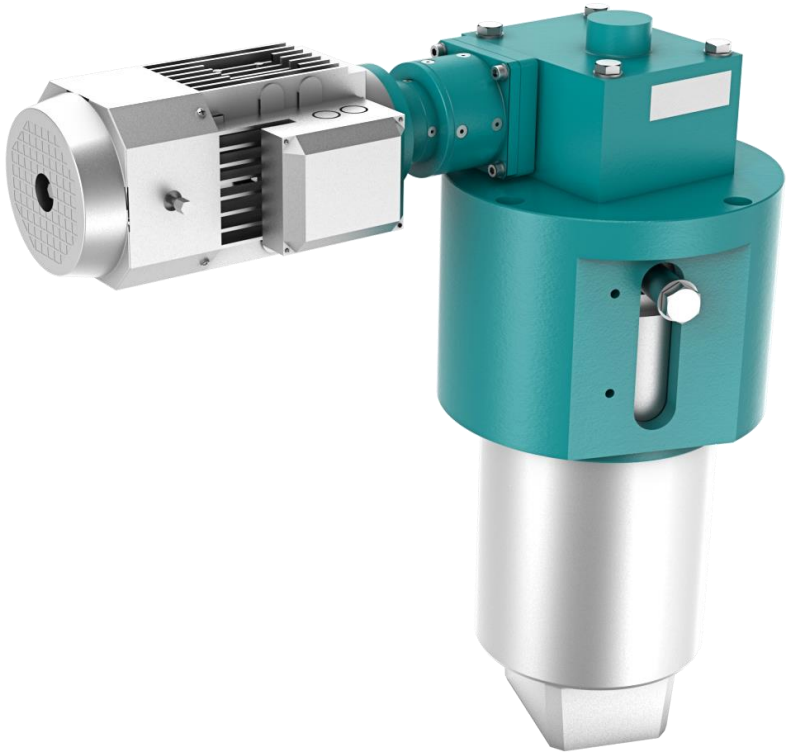
ROTOR LOCK ESJ 180 85 BR-TL

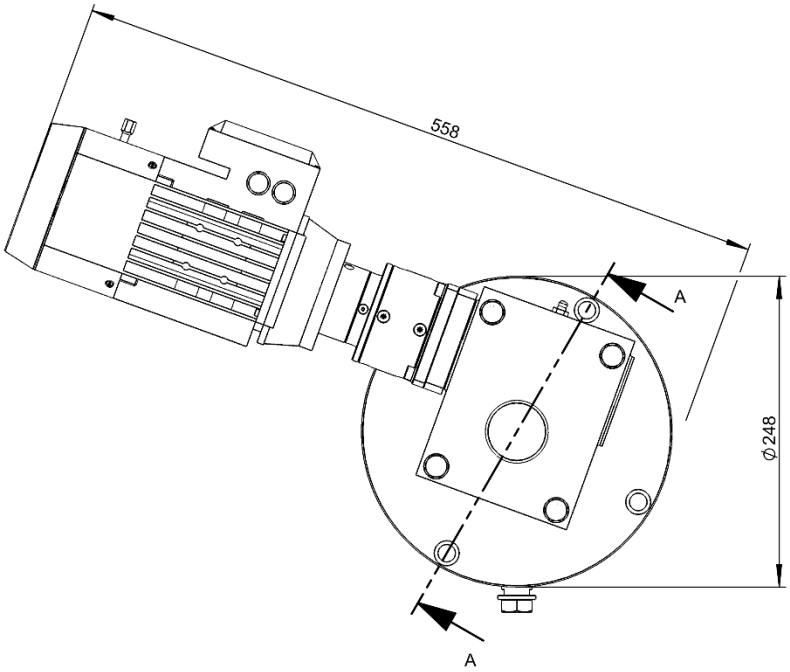
A rotor locks is a hydraulic, mechanical or electrically powered safety mechanism used during maintenance or emergencies. An active rotor lock prevents the rotation of the rotor blades of a wind turbine.



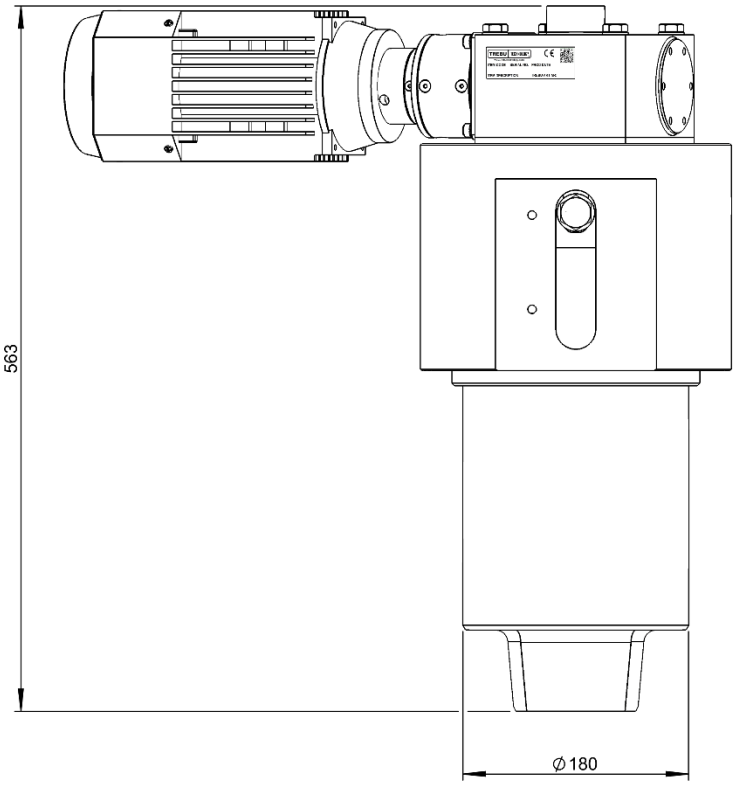
FEATURES
Electrically powered
Compact and maintenance-free design
Additional mechanical block
Pilot operated non return valves
Locked / unlocked electrical positioning signal
Easy apply of lock pin due to conical shaft-end
High quality materials
Standard or offshore design
Offshore protection as per ENI 2944
Greasing via grease nipple
Screw jack & planetary gear to increase force
Brake on motor for emergency stops

SPECIFICATIONS	VALUE	UNIT
ARTICLE NUMBER	20-1552	-
WEIGHT	± 145,6	Kg
MAX. CONTINUES LOAD	25	KN
MAX. INTERMITTED LOAD	50	KN
SCREWJACK RATIO	6:1	-
SPEED	66,5	mm / min
MAXIMUM STROKE	85	mm
TEMPERATURE RANGE	-40 / +85	ºC
LOCK PIN MATERIAL	34CrNiMo6+QT	-
MOTOR POWER	0,37	kW
MOTOR VOLTAGE	230 / 400	V
MOTOR CURRENT	1,08	A
MOTOR FREQUENCY	50 / 60	Hz
MOTOR PHASES	3	-
MOTOR SPEED	1330 / 1600	rpm
PLANETARY GEAR RATIO	20:1	-

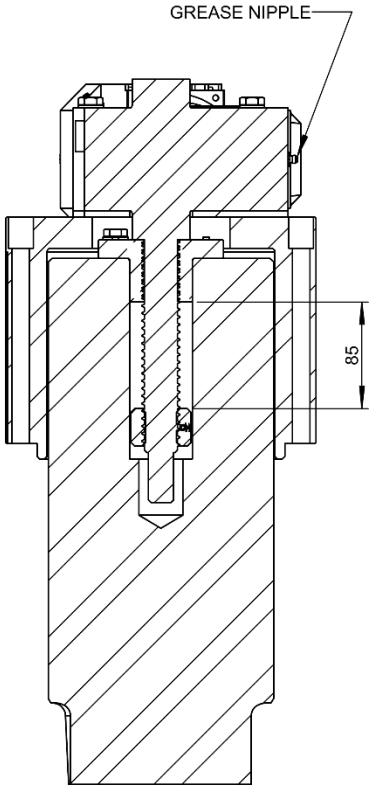
GENERAL DIMENSIONS



TOP VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5



SECTION A-A
SCALE 1:5