

i-Rex-A-125-85 3207



Description

The 32-pole BLDC outrunner motor with its compact design is perfectly suited for a direct drive. It can achieve torques of up to 13 Nm, even in continuous operation.

Special features

- The motor has an WT-MEC12B encoder system with 4,096 steps, which enables a resolution of 0.1 degrees
- The motor is mounted on the rear side
- The motor cone is extended by a motor shaft which rotates at the same time
- The force can be transferred through this shaft, or can occur through the connection to the motor cone
- On request, the motors are also available with different windings and interconnections. This allows for an optimized design of the motor for a specific operating point in your application

Technical data

Model	3207.48-0020		
Voltage range	12 V to 48 V	12 V to 48 V	12 V to 48 V
Rated voltage	24 V	36 V	48 V
Rated current	14 A	14 A	14 A
Rated torque	6 Nm	6 Nm	6 Nm
Rated speed	460 rpm	700 rpm	960 rpm
Rated power (output)	290 W	450 W	600 W
Max. efficiency	94 %	90 %	90 %
Idle speed	680 rpm	1,000 rpm	1,350 rpm
Starting torque	18 Nm	18 Nm	18 Nm

3207.48-0020

