

LCM-61 Series Induction Motor

ELINTA MOTORS LCM.61-110-X-XX

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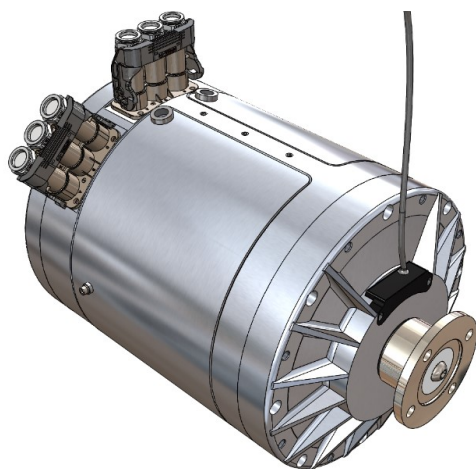
Elinta Motors LCM.61 Six Phase liquid cooled induction motor is designed for high performance applications.

In combination with dual Elinta Motors EDS.23 motor controllers it provides up to 400 kW in peak power and 1200Nm torque at 450VDC.

LCM.61 is tuned version of LCM.31 calibrated for higher speed and high peak power applications.

- High performance EV
- 100% Electric vehicles
- Plug-in Hybrid vehicles
- Custom applications
- Marine applications

Key Features



- 6 Phase Induction Motor
- Liquid Cooled
- Integrated encoder
- Low torque ripple
- Double ended shaft
- Dual temperature sensors
- Epoxy encapsulated stator
- PowerLok series quick connector
- IP9k9k Protection class
- 90% Efficiency

Power

Dimensions
308 Dia. x 512 mm

- Typical working voltage: 400-450V
- R-85 - 30 min power: 160 kW
- R-85 - 30 min torque: 650 Nm
- Peak Power: 400 kW
- Peak Torque: 1200 Nm

Other Features

- Insulation Class - H-180C
- Max Phase Current: 700 A
- Coolant 50/50 water-glycol
- Working temperature: -40 C - 85 C
- Weight 108 kg

Drawings

