



ELECTRIC DRIVE SOLUTIONS

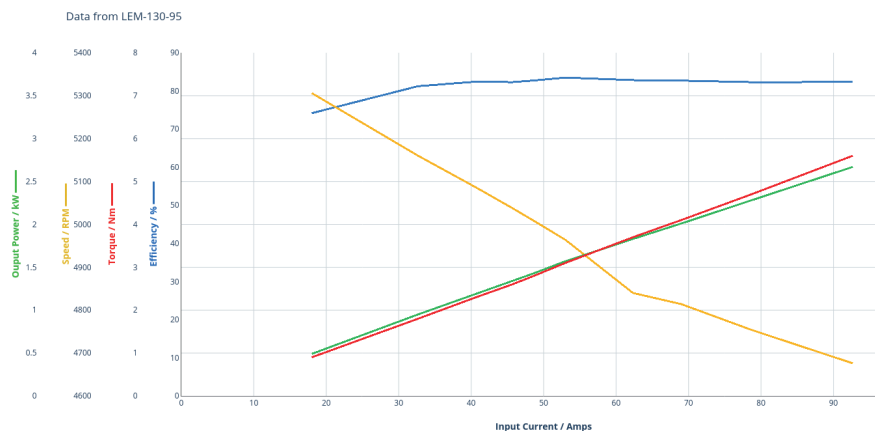
MOTOR | LEM-130

OVERVIEW

The Lynch LEM 130 electric motor is the smallest motor in our range. This 6 pole axial gap DC brushed motor is ideal for use in lightweight applications such as railway service vehicles, scooters, mopeds, robotics and other small vehicles. The LEM-130 is available in two options; 95 and 95B.

KEY FEATURES

- Simple electronic control
- Long brush life
- Durable construction
- CE marked
- IP20 rating
- Interchangeable shaft
- Available in 95 & 95b options



APPLICATION



Marine



Automotive



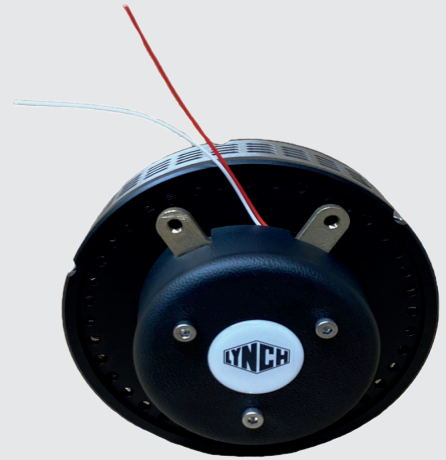
Industrial



Robotics



Railways



LIGHTWEIGHT

3kg

EFFICIENT

Up to 88% efficiency

RELIABLE

Limited moving parts

ECO FRIENDLY

No emissions, no fuel

POWERFUL

Available from 12 V to 48 V

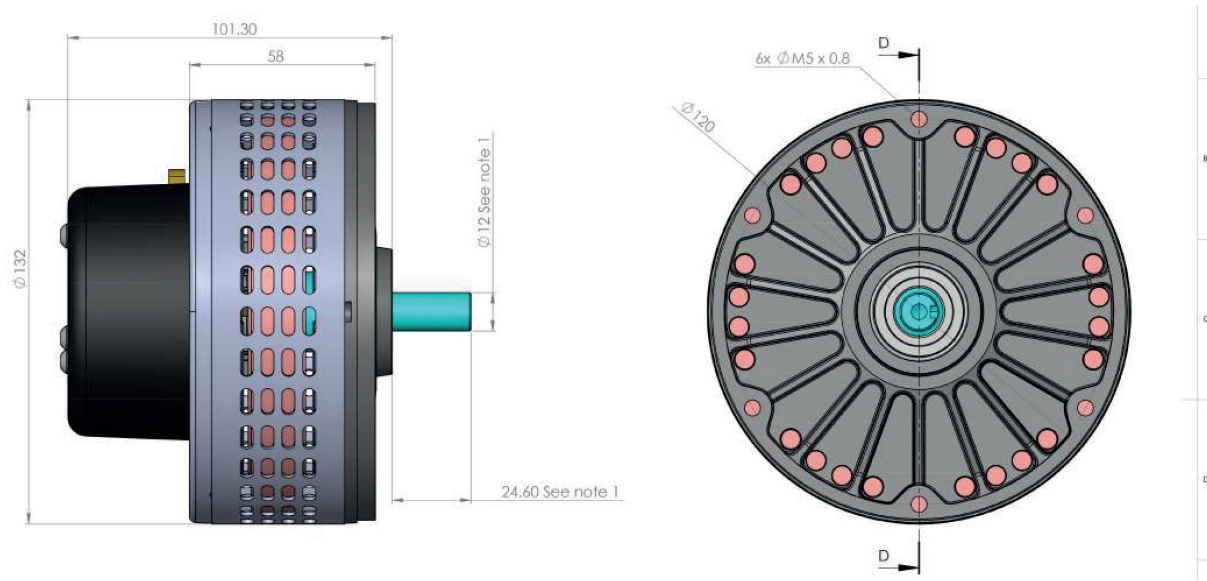
LOW COST

Save on fuel bills



ELECTRIC DRIVE SOLUTIONS

LEM-130



LEM - 130 specifications

	LEM 130 95	LEM 130 95b
Load Current	6A	6A
Torque Constant	0.0631Nm/Amp	0.0631Nm/Amp
Speed Constant	138	138
Armature Resistance DC	32.5mQ	32.5mQ
Armature Inductance @ 15kHz	14	14
Armature Inertia	0.0116Kgm^2	0.0117Kgm^2
Peak Power	3KW	4KW
Peak Efficiency	82	88
Peak Current	100A	100A
Rated Power	2.27KW	3.02KW
Rated Speed	4968RPM	6624RPM
Rated Voltage	36V	48V
Rated Current	75A	75A
Rated Torque	3.10Nm	4.35Nm

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**2 YEAR EXTENDABLE WARRANTY
WITH ALL OF OUR MOTORS**