



ELECTRIC DRIVE SOLUTIONS

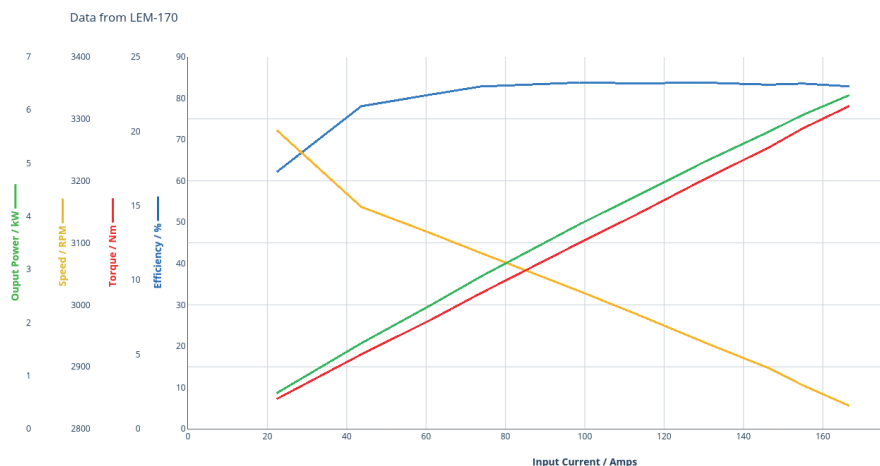
MOTOR | LEM-170

OVERVIEW

The Lynch LEM 170 electric motor is an 8 pole axial gap DC brushed motor suitable for traction and industrial applications including compressors, sweepers, mopeds, golf carts and pumps. The LEM 170 is available in two models; D95 and D127 offering different speed, torque and power options.

KEY FEATURES

- Simple electronic control
- Durable construction
- CE marked
- Speed proportional to voltage
- Interchangeable shaft
- Magnet grade dependent on application
- Available in 95, and 127 strip armatures IP20 rating



APPLICATION



Marine



Automotive



Industrial



Robotics



Railways



LIGHTWEIGHT

8.5kg

EFFICIENT

Up to 90% efficiency

RELIABLE

Limited moving parts

ECO FRIENDLY

No emissions, no fuel

POWERFUL

Available from 12 V to 60 V

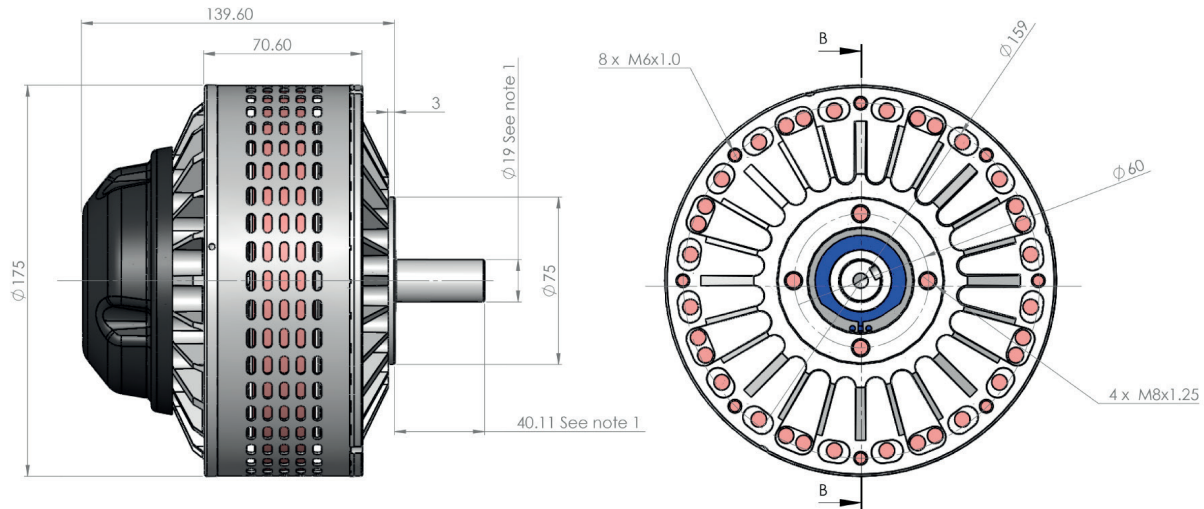
LOW COST

Save on fuel bills



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LEM-170



LEM - 170 specifications

	D127	D95
Load Current	4A	8A
Torque Constant	0.134Nm/A	0.101Nm/A
Speed Constant	68rpm/V	95rpm/V
Armature Resistance DC	21mQ	21mQ
Armature Inductance @ 15kHz	15pH	18pH
Armature Inertia	0.0236kgm ²	0.0238kgm ²
Peak Power	21kw	16kw
Peak Efficiency	90%	88%
Peak Current	400A	400A
Rated Power	7kw	7kw
Rated Speed	3720rpm	3420rpm
Rated Voltage	60V	36V
Rated Current	140A	190A
Peak Torque	18.2Nm	14Nm

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