



ELECTRIC MOTORS



Vehicles



Marine



Hybrid



Robotics



Traction



Industrial



✓ EFFICIENT ✓ LIGHTWEIGHT ✓ POWERFUL

PERMANENT MAGNET DC ELECTRIC MOTORS

LIGHT WEIGHT

13kg Weight

EFFICIENT

Up to 93% efficiency

RELIABLE

Limited moving parts

ECO FRIENDLY

No emissions
No fuel

POWERFUL

Available from 24v to 72v

LOW COST

Save on fuel bills

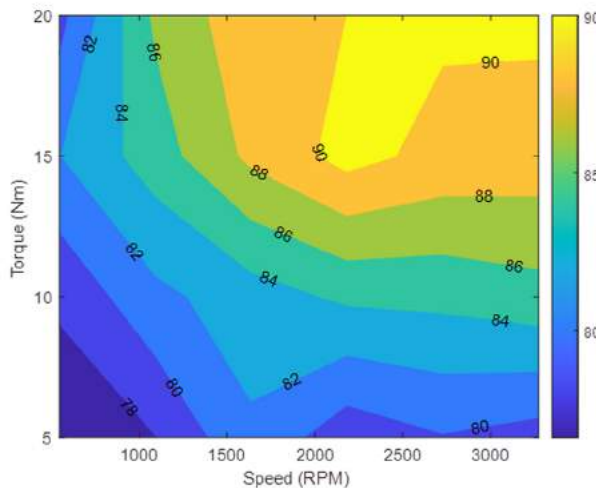
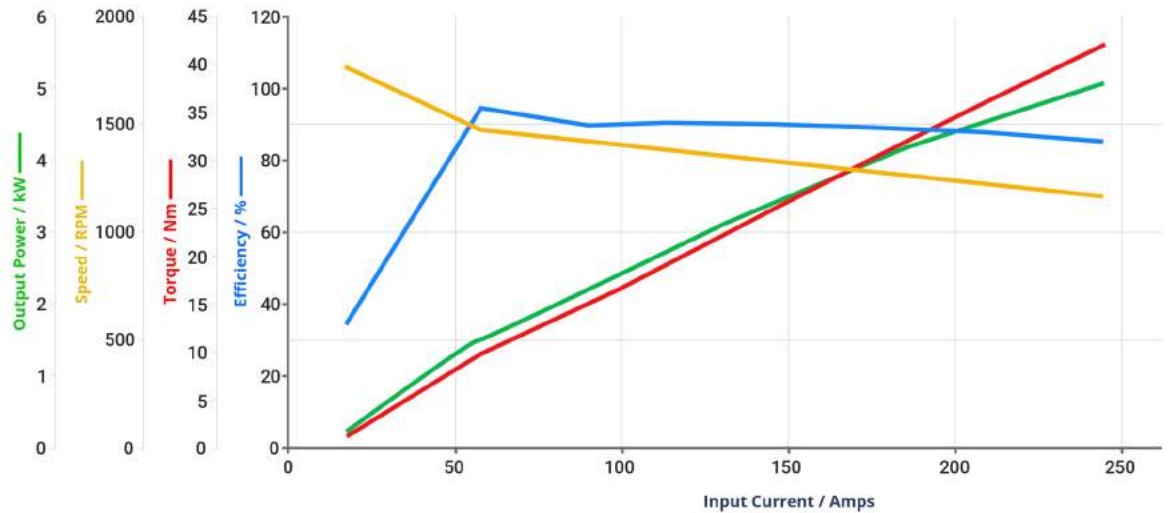
MOTORS LEM-240

The LEM-240 is an 12 pole axial gap DC brushed motor suitable for a range of applications.

- Simple electronic control
- Long brush life
- Interchangeable shaft
- Rugged Construction
- CE Marked
- Ip20 rating
- Speed proportional to voltage



Typical Technical Data Curve:



Motor Applications:



Industrial



Motorcycles



Vehicles & Go-Karts



Large Marine



Lynch Motor Company Ltd.
Unit 4 Flightway Dunkeswell, Honiton, Devon, EX14 4RD

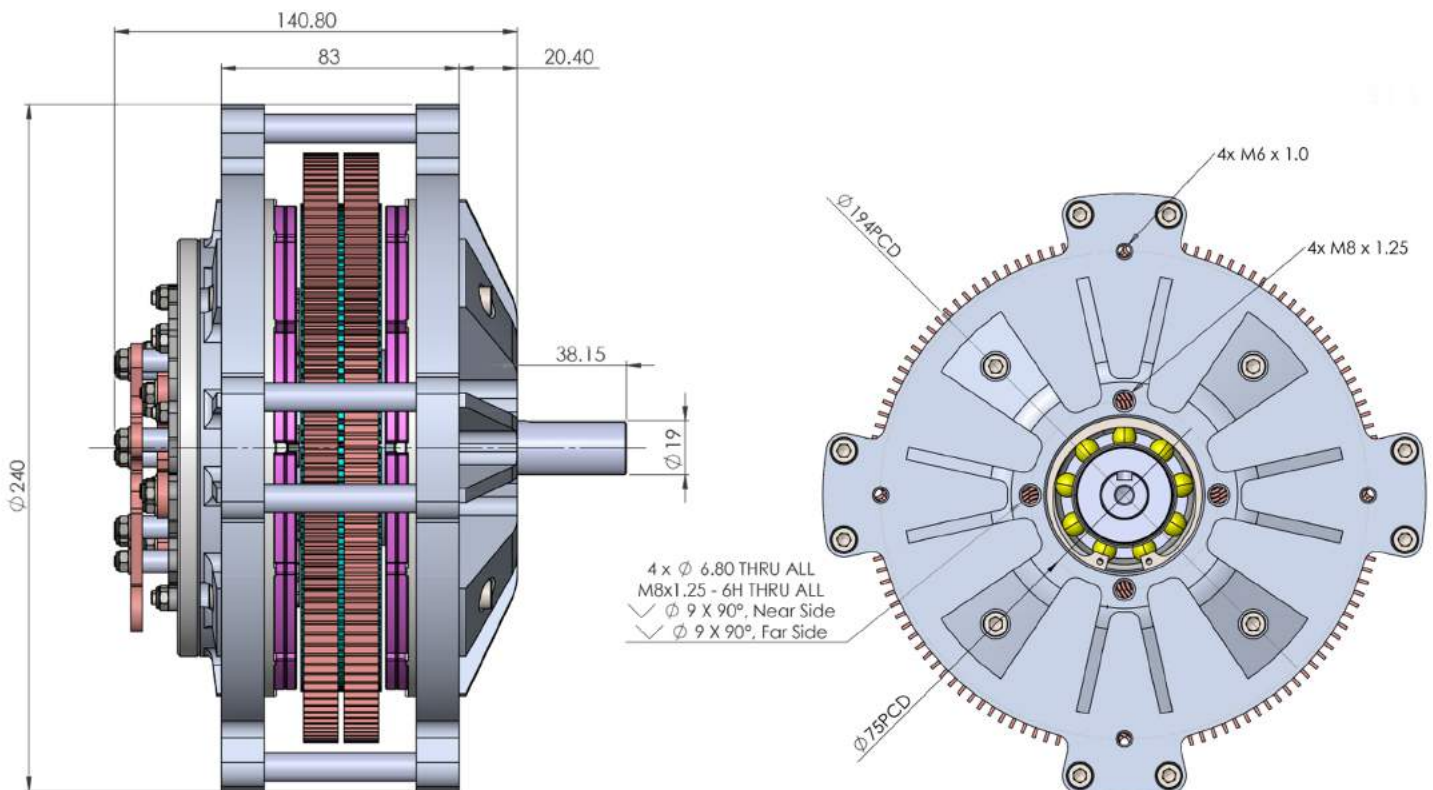
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MOTORS LEM-240

The LEM-240 is an axial gap DC brushed motor suitable for traction and industrial applications.



Motor	No load Current A	Torque Constant Nm/A	Speed Constant Rpm/V	Armature Resistance DC mΩ	Armature Inertia Kg \cdot m ²	Peak Power KW	Peak Efficiency %	Peak Current A	Rated Power kW	Rated Speed Rpm	Rated Voltage V	Rated Current A	Rated Torque Nm
D131 24V	8	0.21	40	12.41	0.0327	7.78	90	360	6.29	970	24	300	61.9
D131 48V	8	0.21	41	12.41	0.0327	15.72	91	360	12.90	1990	48	300	61.9
D131 72V	8	0.21	43	12.41	0.0327	24.11	93	360	19.84	3060	72	300	61.9



Additional Information:

All Lynch motors come with a 2 year warranty and are fully tested before delivery to our customer. Each motor is built to order in our UK factory by our skilled team, lead times for orders are dependent on volume and current order book, please ask for a production time frame when ordering. We are happy to discuss your application requirements with you, any recommendations our team make are based on the information you provide us.