



ELECTRIC DRIVE SOLUTIONS

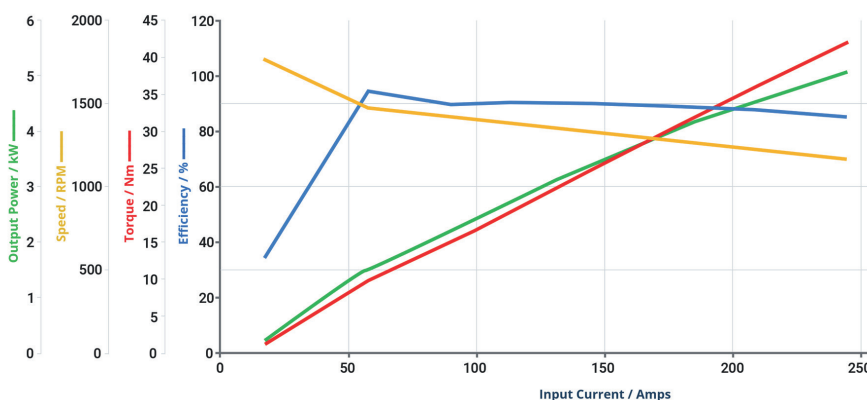
MOTOR | LEM-240

OVERVIEW

The Lynch LEM 240 electric motor is a 12 pole axial gap DC brushed motor suitable for a range of applications industrial, motorcycles, vehicles, go-karts and large marine vessels. This is currently our most powerful motor in the Lynch range. Built from aluminium, this open framed motor can sustain rugged construction and is designed to tackle larger tasks within the commercial and industrial sectors.

KEY FEATURES

- Simple electronic control
- Long brush life
- Interchangeable shaft
- Rugged construction
- CE marked
- IP0 rating
- Speed proportional to voltage



APPLICATION



Marine



Automotive



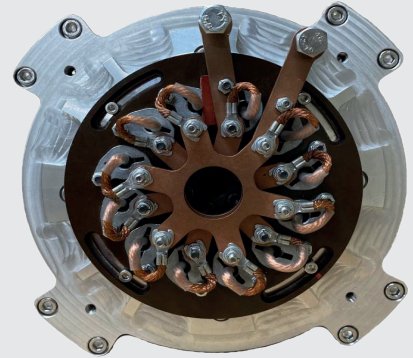
Industrial



Robotics



Railways



LIGHTWEIGHT

13kg

EFFICIENT

Up to 93% efficiency

RELIABLE

Limited moving parts

ECO FRIENDLY

No emissions, no fuel

POWERFUL

Available from 24 V to 72 V

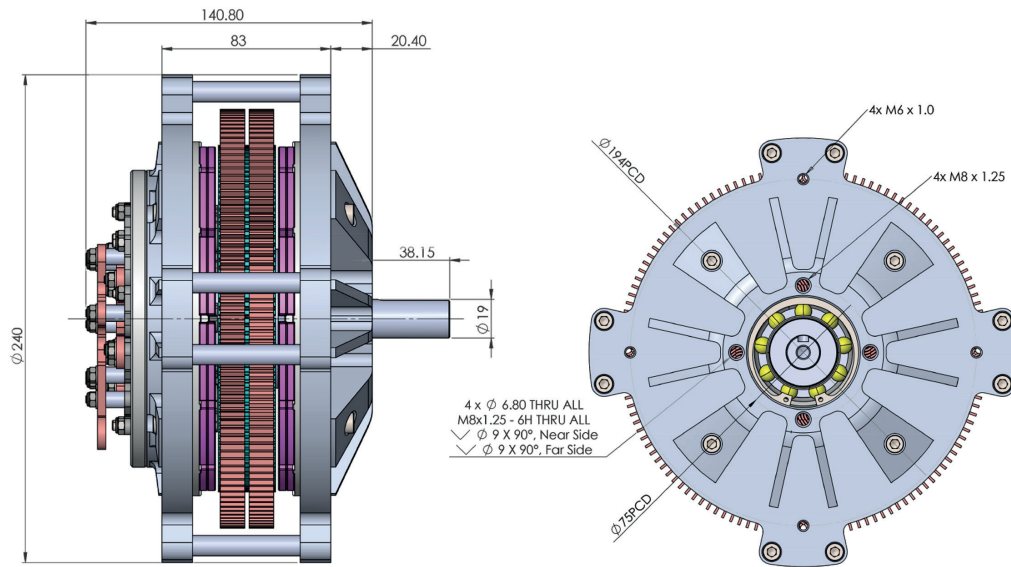
LOW COST

Save on fuel bills



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LEM-240



LEM - 240 specifications

	D131 24V	D131 48V	D131 72V
No Load Current	8A	8A	8A
Torque Constant	0.21Nm/A	0.21Nm/A	0.21Nm/A
Speed Constant	40rpm/v	41rpm/v	43rpm/v
Armature Resistance DC	12.41mQ	12.41mQ	12.41mQ
Armature Inertia	0.0327Kgm^2	0.0327Kgm^2	0.0327kgm^2
Peak Power	7.78kw	15.72kw	24.11kw
Peak Efficiency	90%	91%	93%
Peak Current	360A	360A	360A
Peak Power	6.29kw	12.90kw	19.84kw
Rated Speed	970rpm	1990rpm	3060rpm
Rated Voltage	24V	48V	72V
Rated Current	300A	300A	300A
Rated Torque	61.9Nm	61.9Nm	61.9Nm

Unit 4 Flightway Dunkeswell
Honiton Devon EX14 4RD

T +44(0) 1404 892 940
E info@lynchmotors.co.uk

LYNCHMOTORS.CO.UK

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