



ELECTRIC DRIVE SOLUTIONS

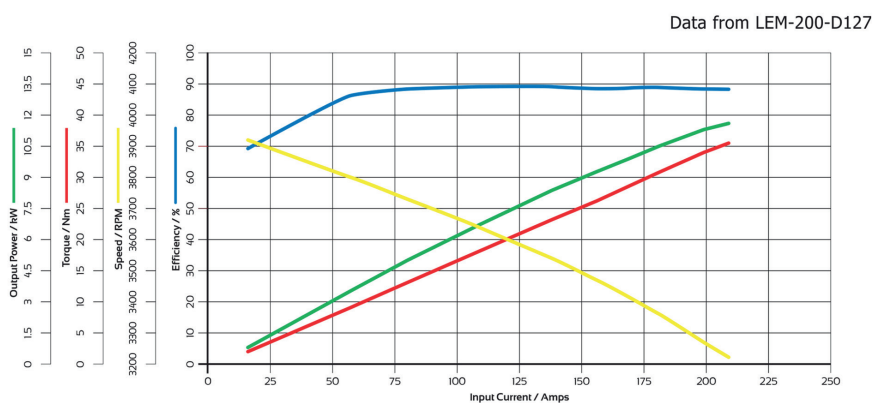
MOTOR | LEM-2X2

OVERVIEW

The Lynch LMC-2X2 electric motor contains two LEM 200 8 pool axial gap DC brushed motors in a single frame. Suitable for traction and industrial applications including vehicles, boats, robotics, traction, railway and industrial, the LMC-2X2 is available in 200-95, 127 and 135 strip armatures with magnet grade selection dependent on application.

KEY FEATURES

- Simple electronic control
- Long brush life
- Rugged construction
- CE marked
- IP20 rating
- Interchangeable shaft
- Speed proportional to voltage



APPLICATION



Marine



Automotive



Industrial



Robotics



Railways



LIGHTWEIGHT

25kg

EFFICIENT

Up to 93% efficiency

RELIABLE

Limited moving parts

ECO FRIENDLY

No emissions, no fuel

POWERFUL

Available from 24 V to 110 V

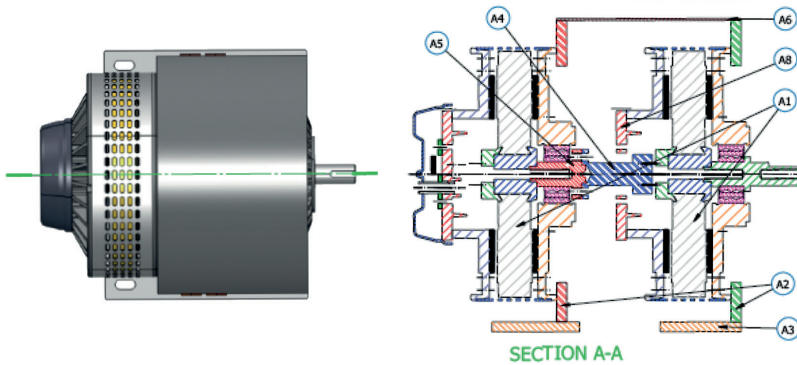
LOW COST

Save on fuel bills



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LEM-2X2



	Qty	Part No.	Description
A1	2	LEM 00054 A 00	LMC 200 motor assy
A2	2	LEM 00062 P 00	Motor support plate
A3	1	LEM 00063 P 00	Base plate
A4	1	LEM 00064 P 00	Shaft coupler
A5	1	LEM 00065 P 00	Linking shaft
A6	1	LEM 00066 P 00	Cover
A7	2	LEM 00067 P 00	Side plate
A8	1	LEM 00068 P 00	Modified brush holder
A9	4	LEM 00069 P 00	Top hat
Dimensions (mm)			

LEM - 2X2 specifications

	95	127	135
Load Current	6A	5A	3.5A
Torque Constant	0.113Nm/v	0.15Nm/v	0.185Nm/v
Speed Constant	81rpm/v	60rpm/v	45rpm/v
Armature Resistance DC	21.5mQ	23mQ	16mQ
Armature Inductance @ 15kHz	22pH	23pH	16pH
Armature Inertia	0.0238Kgm^2	0.0236Kgm^2	0.0236Kgm^2
Peak Power	18kw	16.08kw	29.04kw
Peak Efficiency	92%	89%	93%
Peak Current	400A	400A	400A
Rated Power	10kw	8kw	14kw
Rated Speed	3888rpm	2880rpm	3780rpm
Rated Voltage	48V	48V	84V
Rated Current	220A	200A	200A
Rated Torque	28Nm	31.5Nm	36.4Nm

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