



SHAKTI EV MOBILITY PRODUCTS



ABOUT THE COMPANY

- **SHAKTI PUMPS (INDIA) LIMITED** is foraying into the Electric Vehicle (EV) segment through its 100% wholly owned subsidiary company **SHAKTI EV MOBILITY PRIVATE LIMITED (SEVMPL)**. The subsidiary company will manufacture Induction, BLDC and PMSM Motor including Controller, Charger, VFD (EV Application) to optimize battery performance in EV automobiles.
- SEVMPL was incorporated as private limited company under Companies Act 2013 on December 16, 2021 and will leverage on Shakti group's 40 years of experience in making motors, and 5 years of experience in manufacturing Power Electronics Equipment.
- The manufacturing activity of SEVMPL will be carried out at Sector 5, Pithampur, Dist. Dhar (M.P), India with a total installed capacity of 1,32,000 (No.'s) each for Induction, BLDC, PMSM motor and controller. The plant is equipped with state of the art technology along with a full-fledged in-house R&D centre to continue innovation and pace up with current trends.



A FOUNDATION, STRONG & SOUND

The foundation of Shakti Pumps (India) Ltd. was laid in 1982. With a humble beginning, we have gone from strength to strength to become India's largest manufacturer of submersible pumps, motors and solar controllers today.



An ISO 9001-2015, ISO 14001:2015 & ISO 45001:2018 company, our cutting-edge manufacturing facility with an installed capacity of 5,00,000 pumps per annum is located in Central India at Pithampur (M.P.).

QUALITY, A WAY OF LIFE AT SHAKTI

We accord paramount importance to quality. Be it practices, procedures or people, every aspect of our company comes together to ensure that customers get products and services of the highest quality. Our quality control and testing labs are amongst the most advanced set-ups in the country- enabling us to meet international quality standards consistently.



OUR TECHNOLOGY, OUR STRENGTH

We employ the best-of-world technology to manufacture our products. Our state of the art plant has cutting-edge Japanese and European machinery. The use of robots ensures precision of the highest level. Ultra-modern CNC machines, stamping machines, cathode electrode deposition plants, etc. speak volumes about our technological strength.

Application

India's ARAI (I) Certified Motor Powertrain

SPM (Shakti Powertrain Motor) are customized to meet customer's special requirements. these motors provide high performance with features and solution for individual and industrial applications such as commercial vehicles car, Auto, L 5 Loader, Road sweeper machine, retro fitment, E-Rickshaws and E-Vehicles etc.

Vehicle Category

VEHICLE CATEGORY: L1, L2
VEHICLE CATEGORY: L5 M, L5 N

VEHICLE CATEGORY: E-RICKSHAW
VEHICLE CATEGORY: E-CAR

AUTOMOTIVE SYSTEM MOTOR

EV Bus Steering Motor



EV Bus Compression Motor



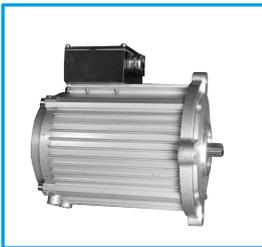
PRODUCT FEATURES

- High Performance Design :
 - Dynamically balanced rotors ensure smooth operation
 - Double shielded, high-temperature bearings for enhanced durability.
- Efficient Cooling System :
 - Three-dimensional heat transfer principle in cooling fins design.
- Operational Efficiency :
 - Minimized friction losses for optimal performance.
 - Low noise operation ensures smooth running.
- Ingress Protection :
 - IP67 rating protects against moisture, dust & water ingress.
- Reliability & Ease of Use :
 - Reliable operation with easy maintenance.
 - Short payback period for cost-effectiveness.



EV Motor 3Wheeler & 4 Wheeler (1-20 kW) (Upcoming)

7.5 kW



10 kW



15 kW



20 kW

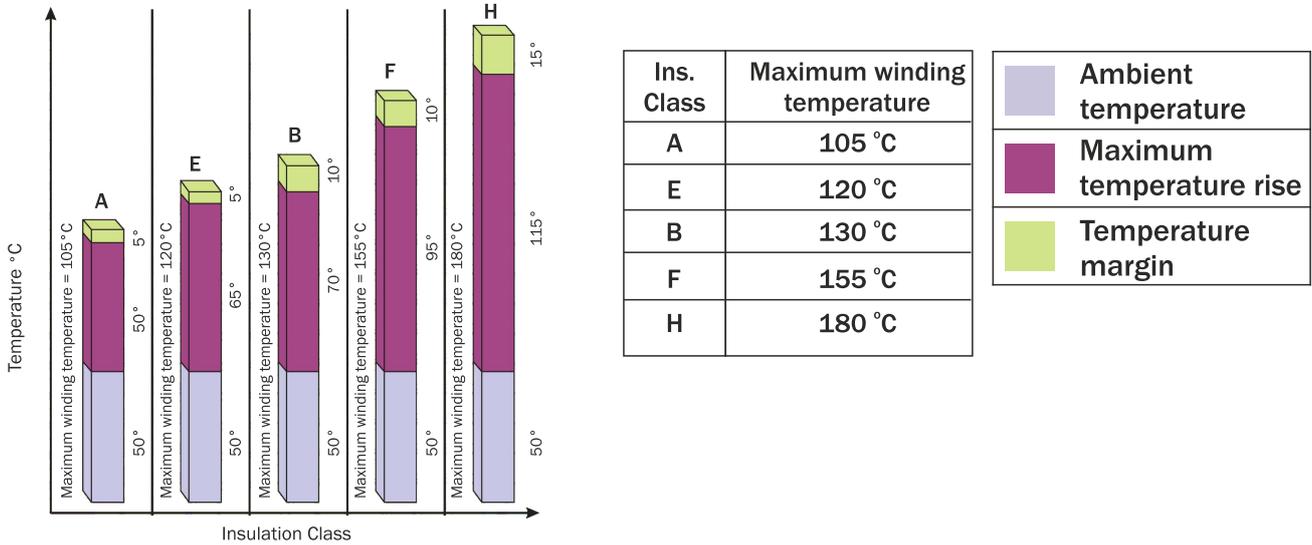


Gear Box

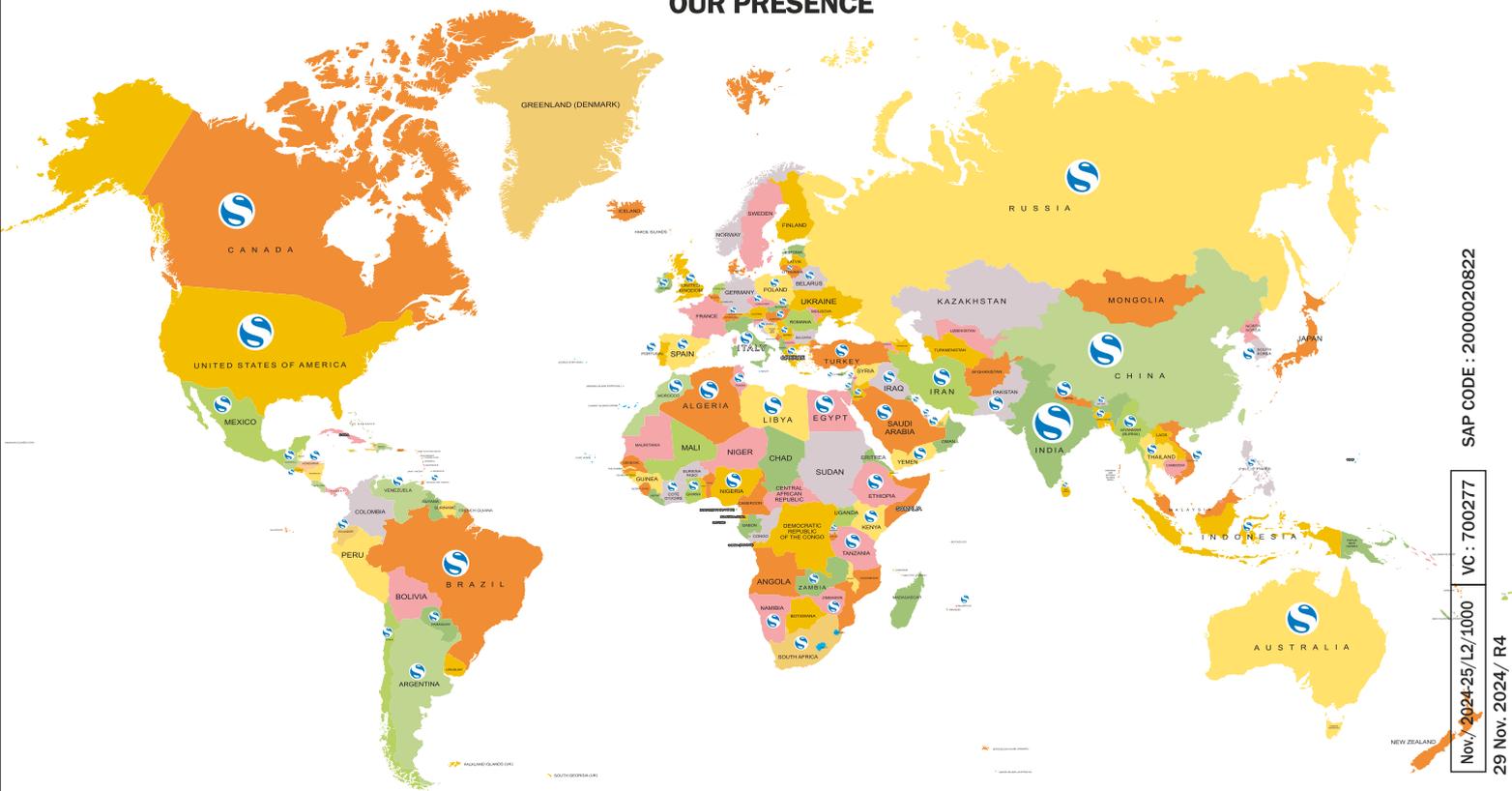


Understanding the Insulation Class & Temperature

Motors are manufactured with class 'H' insulation. The reserve thermal capacity helps to maintain the integrity of the insulation and motor life. Temperature rise and maximum temperature at the hottest points of winding is according to temperature classes IS 325/ IEC 60034-1



OUR PRESENCE



SAP CODE : 2000020822

VC : 700277

Nov/2024-25/L2/1000
29 Nov. 2024/ R4

TOLL FREE NO. 1800 103 5555

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Group Company - SHAKTI PUMPS (INDIA) LIMITED

www.shaktipumps.com