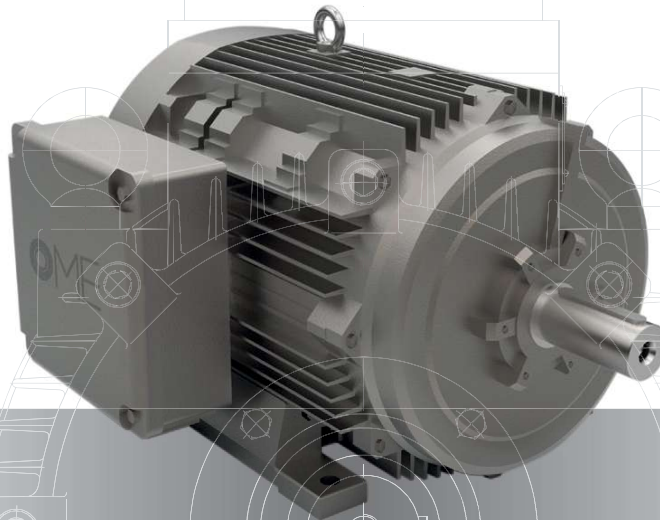




OMN - NEMA SERIES

THREE PHASE ELECTRIC MOTOR HIGH VOLTAGE SERIES

www.omemotors.com



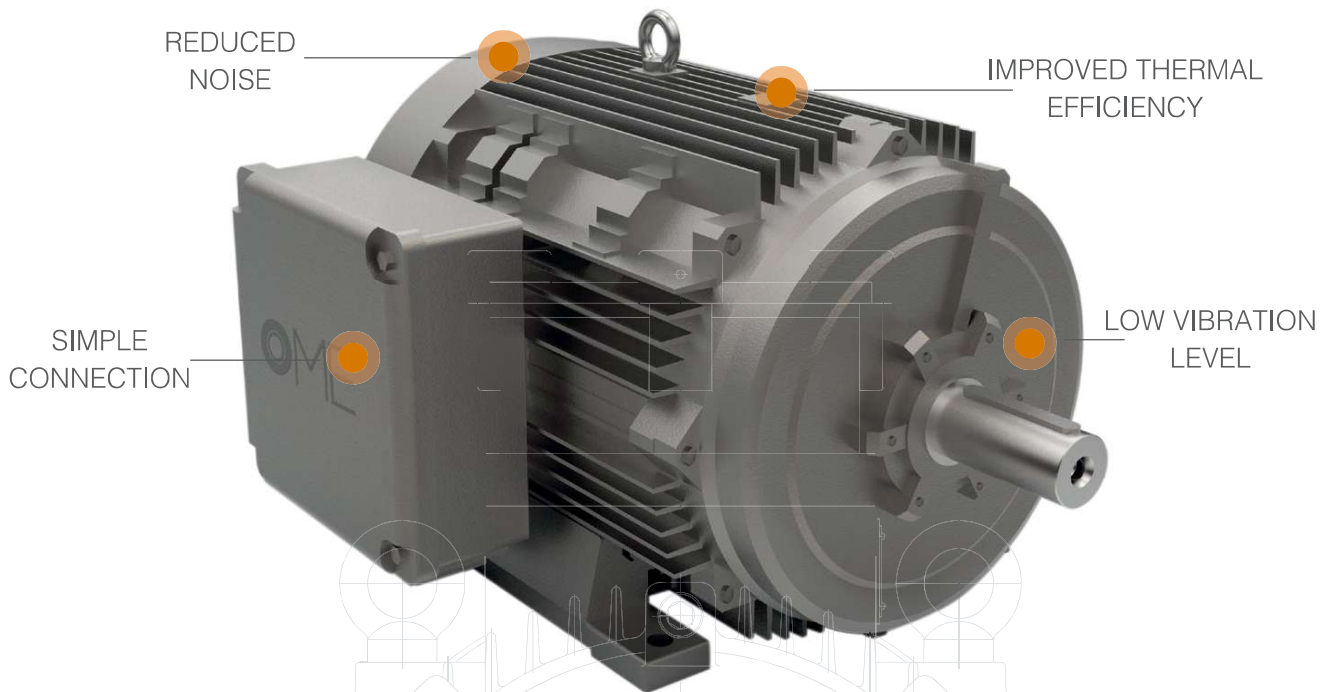
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NEMA SERIES THREE PHASE ELECTRIC MOTOR LOW VOLTAGE



High Performance • Energy Saving

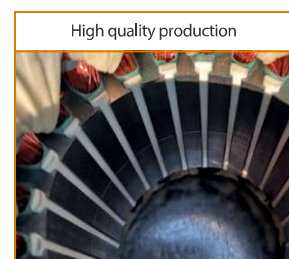
- Standard low voltage motors - or IEC motors - designed and manufactured by OME are low voltage motors that offer high efficiency and at the same time effective energy savings, in line with environmental regulations.

- OME high efficiency motors ensure significant optimisation of energy consumption, safeguarding the environment and ensuring substantial savings in operating costs.

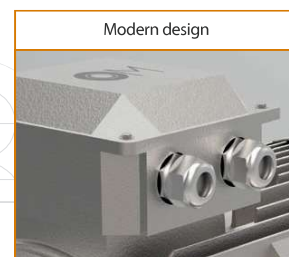
OME Electric Motors

OME IEC low voltage motors are suitable for all industrial sectors and applications, complying with national and international mandatory efficiency rules. OME's motors help our customers increase their productivity, save energy, improve quality and generate power.

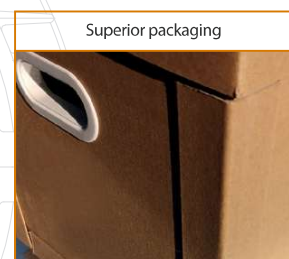
- High quality components including superior copper, metal cable glands and SKF bearings. Thanks to their high quality, OME electric motors are perfectly suitable for heavy duty applications, with Long lasting performances.



- OME also pays exceptional care and to the design attention of its electric motors. This increase the cooling efficiency and also the looking of the product.



- Customized packaging that provides increased protection during transport and an easier handling.





Series OMN

SERIES PREMIUM EFFICIENCY MOTOR (NEMA)

Motors in line with NEMA Premium standards for the US market.

Highly efficient devices for maximum energy savings.

Discover the NEMA range of electric motors for North and South America. OME Motors is able to produce NEMA (National Electrical Manufacturers Association) motors that meet the regulations regarding the performance and specific requirements of the US and Middle East markets, where the company has been present for years. These are three-phase electric motors with different frames and voltages, able to adapt to the most diverse requirements and offer maximum energy efficiency for every application need. OME Motors builds NEMA cast iron motors, devices compliant with EISA legislation for minimum performance and capable of reaching or exceeding the NEMA Premium standard. The company produces low-voltage NEMA electric motors in the standard version, or is available to create highly customized and custom-built devices.



Characteristics and Functionality of NEMA Motors.

NEMA electric motors are devices able to offer various advantages in the most disparate industrial applications. In detail, they have these characteristics:

- NEMA electric motors have a dynamic and modular design, able to adapt to various contexts and to satisfy the most varied requirements.
- Since they are made of cast iron, NEMA motors are extremely robust.
- NEMA electric motors are energy-saving devices.
- The possibility to modify the motor offers maximum versatility of use.
- The low level of assistance and maintenance required by NEMA motors reduces costs.
- Thanks to their technical characteristics, NEMA electric motors have reduced vibration and noise levels.
- Finally, these devices are compatible with any frequency inverter.

Applications and Uses of NEMA Premium Motors.

Thanks to their own characteristics, the NEMA Premium motors designed and built - even custom-made - by OME Motors can be successfully used in the industrial field and in the most diverse sectors. In particular, these three-phase induction electric motors are suitable for use in water systems for the purification, treatment and desalination of water, in air treatment plants or in the food industries. They can work effectively in combination with pumps and compressors, or with fans, blowers and heating, ventilation and air conditioning systems (HVAC) and finally with turbines.

OUTLINES

Frame	143T~587T
Rated Power	1 - 200HP
Pole	2, 4, 6, 8
Service Factor	1.15
CSA Certification	Class I, Div. 2, Groups A, B, C & D-T3C (140-320Fr.) /-T3A (360-440Fr.) 250-500HP 2, 4, 6 pole;3-350HP 8 pole, service factor 1.15
Rated Voltage	230/460V, 460V or 575V
Rated Frequency	60Hz
Structure	TEFC (IP54, IP55)
Insulation Grade	F
Frequency Range	143T-447T 10:1 CT, 20:1 VT