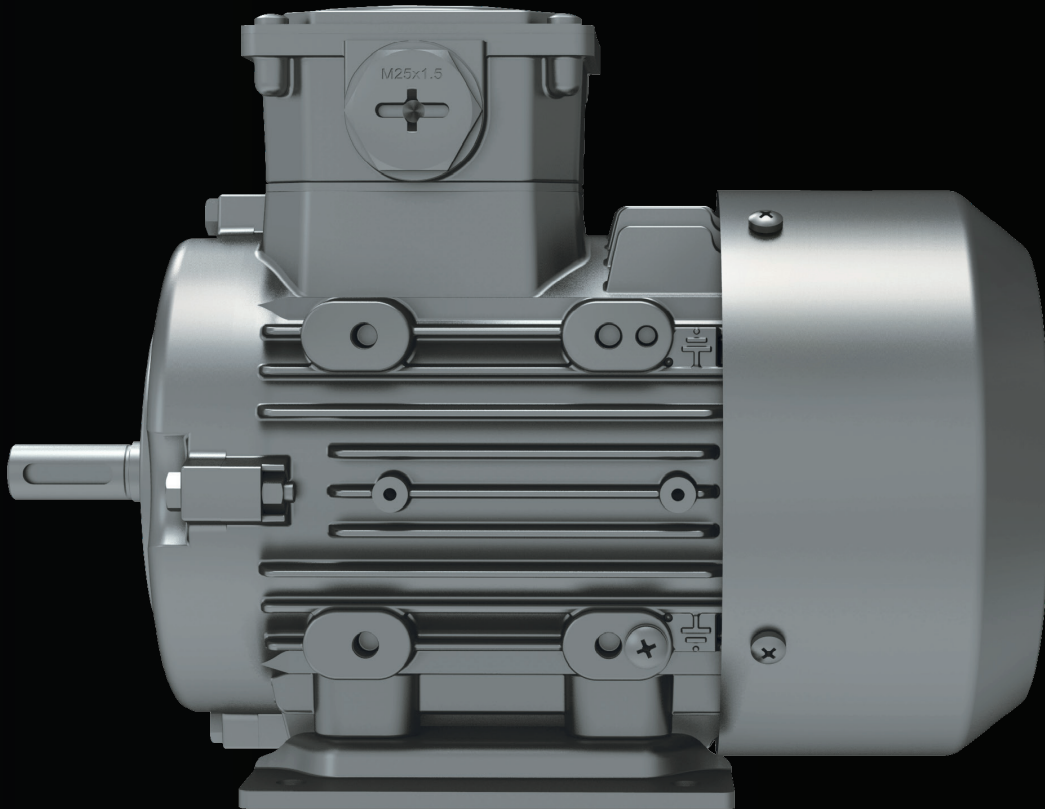


INNOMOTICS

Lightweight, Efficient & Versatile

1LE7 IE2 & IE3 efficiency class
aluminum housing motors



Innomotics 1LE7 IE2 & IE3

Aluminum housing

The Innomotics low-voltage motors are highly efficient, small, and thanks to their aluminum enclosure, extremely lightweight. They're suitable for a variety of standard drive tasks and excel in both industrial environment and infrastructure.

The motors' design and architecture ensure maximum flexibility, minimum operating & installation effort. The Innomotics motor design features a consistent power-shaft height assignment across all efficiency classes. This eliminates any shaft height differences, simplifying service and replacement procedures. Seamlessly integrate these motors into your existing systems and optimize your operations with minimal effort.

Their remarkably lightweight design makes the ideal choice for a wide range of applications, including pumps, fans, compressors, and many more.

Salient features:

Shaft height	71 – 90 for 2P, 4P & 6P
Power range, pole	0.25kW to 2.2kW, 2P 0.18kW to 1.5kW, 4P 0.18kW to 1.1kW, & 6P
Efficiency class	IE2, IE3
Applicable standards	Efficiency Classification according to IS 12615: 2018 / IEC 60034-30-1
Degree of protection	IP55
Voltages	240VΔ / 415V 50Hz (standard) (additional voltages available. Refer Innomotics Product Configurator for more details) Standard voltage for 2.2kW, 2P motor is 415VΔ
Frequency	50Hz
Type of construction	IMB3 (Refer Innomotics product configurator for other construction variants)
Cooling method	IC411 Totally enclosed fan cooled [TEFC]
Temperature class	155°C (F) utilized to 130°C (B)
Insulation system	VFD Suitable insulation scheme for voltage up to 480V as a standard.
Impulse voltage insulation class (IVIC) for U _N 415V	C (Severe) As per Std. IS/IEC 60034: Part 18: Sec 41.

Additional information:

- Terminal box can be rotated through 360° in steps of 90°.
- Bolted feet construction gives flexibility to change the mounting and terminal box orientation.
- As industry standard, ratings ≤ 1.5kW are star connected and ratings > 1.5kW are delta connected.

Contact us for more information:

Siemens LV Motors are now Innomotics

For sales, contact:
Innomotics India Pvt. Ltd.
Low Voltage Motors

motors.in@innomotics.com
Toll free No.- 1800 266 9060 (8:30 AM to 6:30 PM- Excluding Sunday and national holidays)

Subject to changes and errors. The information given in this document only contains general descriptions and/or performance features, which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract.

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