

Coreless Vibration Motor



INEED Motors specializes in [coreless brushed vibration motors](#) that deliver superior performance in compact and energy-sensitive applications. Unlike [traditional cored motors](#), the company's coreless brush motor design features an ironless rotor, significantly reducing moving mass and mechanical inertia. This results in faster response times, higher efficiency, and extended operational life compared to standard cylindrical vibration motors.

These motors are available in diameters ranging from 4mm to 10mm, with both lead wires and surface-mount configurations (through hole). The company offers optional connectors, rubber sleeves, and custom electrical interfaces to meet specific integration requirements. Our encapsulated vibration motor series adds critical protection for challenging environments. Resistance to moisture, dust, and chemicals.

5 Key Advantages of INEED Coreless Vibration Motors

High Energy Efficiency

Reduced power consumption extends battery life.

Long Operational Lifespan

Brush and coreless design minimizes wear.

Lightweight Construction

Ideal for portable

Wide Voltage Compatibility

Supports various power supply configurations.

Customization Options

Flexible leads, connectors, and mounting styles.

Selection Guidance

The company recommends that engineers consider mounting method, current consumption, and voltage requirements when selecting a motor. 2D CAD files and detailed datasheets are available for each model to simplify integration. Low-current versions are priced higher but offer significant energy savings for power-constrained applications.

With their focus on precision and reliability, INEED coreless vibration motors provide a versatile solution for designers seeking high-performance haptic feedback in compact electronic products.

For more technical details, please send email to inquiry@ineedelectronics.hk or call us at **(+86) 769 2289 1073**.