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TU Series CORELESS LINEAR MOTOR

Intro

An iron core linear motor has a structure without a wound coil on the core, making it lightweight and free from normal attraction force. Additionally, the special double-row magnet structure eliminates cogging force. This type of motor is more suitable for applications requiring extremely high precision, stable operation, light load, and high-acceleration movement.

Advantage

- ① Zero Magnetic Attraction
- ② Zero Cogging Effect
- ③ Lightweight Coil Assembly
- ④ Easy to Install

Disadvantages

- ① Higher Thermal Resistance
- ② Longer Heat Dissipation Path with Smaller Surface Area, Low Power in Full-Load Applications, Twice the Cost Compared to Iron Core Magnet Parts

Application Industry

- 3C industry (Computers, Communication, Consumer electronics)
- Semiconductor industry
- Automotive industry
- LCD panel industry
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- New energy industry
- Photovoltaic industry
- Laser processing industry