

# 辅助移动用电机

Motor for Assisting Mobilities

EXEDY

开发中

Under Development

## 概念

Concept

### 用于辅助移动的低速、高效的小型直驱电机

Small direct drive motor for assisting mobilities with high efficiency in low speed region

## 特点

Feature

- 外转子结构实现小直径大扭矩

Reduced the diameter and achieved high torque by outer rotor structure

- 采用霍尔 IC 内置无刷电机实现高效率和高可靠性


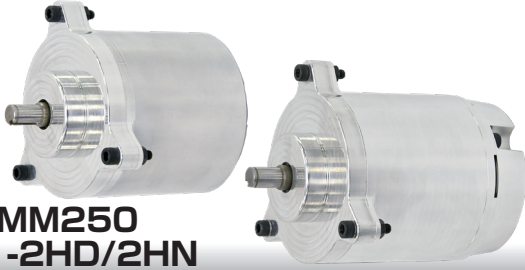
Achieved high efficiency and reliability with a brushless motor incorporating Hall IC

- 通过 IP54 防水防尘等级测试，兼容各种环境（仅限 MM250-2HN）

Obtained IP54 and compatible with various environment (MM250-2HN only)

## 电机规格

Motor specifications

外观·产品编号 Appearance, Product number	 <b>MM030-1HN</b>	 <b>MM250-2HD/2HN</b>
尺寸 Dimensions	φ79.6mm (不包括附件) × L51mm (轴除外) (excluding the installing part) (excluding the shaft)	2HD: φ100mm (不包括附件) × L141.5mm (轴除外) 2HN: φ100mm (不包括附件) × L116.5mm (轴除外) (excluding the installing part) (excluding the shaft)
重量 Weight	743g	3.73kg / 3.45kg
额定输出 Rated output	30W	250W
额定转矩 Rated torque	1.5Nm	5Nm
最大转速 Maximum rotational speed	300r/min	650r/min
额定电压 Rated voltage	DC 12V	DC 24V
选项 Optional	—	包含/不包含驱动器 With / Without a driver
IP规格 IP code	IP54 (目标) Aiming for IP54	IP54 (仅限2HN) IP54 (Obtained for 2HN only)

## 应用案例 Application examples



### 电动滑板车

Electric kick scooter



### AMR

Autonomous mobile robot



### 电动轮椅

Electric wheelchair



### 楼梯升降机

Stair lift



### 移动辅助机器人

Movement support robot



### 电动辅助手推车

Electric assist trolley