

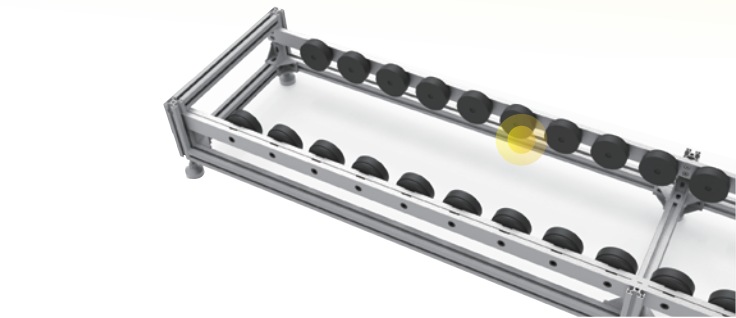
Industrial Appliances

Industrial production line/Production equipment



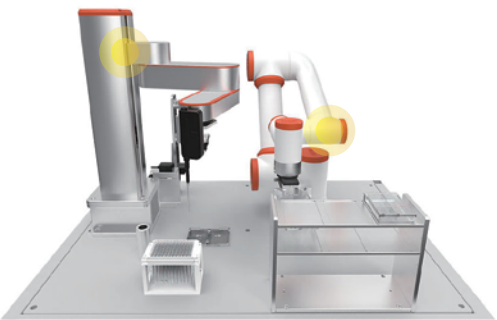
M0603D_111 (DDR)

Diameter 76x32.6mm Thickness
Rated votage: 21.6~26.4VDC
Power: 1.6W
Rated speed: 300rpm
Rated torque: 0.2Nm
Motor weight: 216g



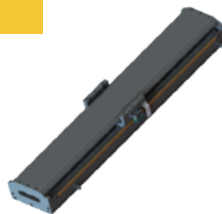
M0603D_111 (DDR)

Diameter 52x45mm Thickness
Rated votage: 48VDC Power: 15.7W
Rated speed: 150rpm Rated torque: 1Nm
Motor weight: 405g Rotor inertia: 66.5Kg.mm²



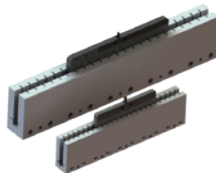
IRON CORE LINEAR MOTOR MODULE

Width 110~210x70~104mm Height
Continuous current: 3A
Continuous thrust: 275~820N
Stator installation distance: 192~288mm
Thrust constant: 106.6N/A rms



IRONLESS LINEAR MOTORS

Width 72~100x35.3~51.6mm Height
Continuous current: 3A
Continuous thrust: 300N
Stator installation distance: 486mm
Thrust constant: 100N/A rms



Advantages: High repeatability positioning accuracy, Long-term maintenance-free operation is possible
Application: Semiconductor equipment, automated industry, Lithium battery industry, PV industry, etc.

Industrial Appliances

Humanoid robots/Robotic dog/Wheeled robots



P1010A_111 (PDD)

Diameter 120x52.7mm Thickness
Rated votage: 48 VDC Power: 15.7 W
Rated speed:100 rpm Rated torque: 25 Nm
Motor weight: 1400 g Reduction ratio: 10: 1

Advantages: High precision, high response performance, high reliability, low noise, high performance,multiple communication methods:CANFD、CAN、485.

Application: Applied in the fields of robot dogs, robot arms, humanoid robots, wheeled robots, science and technology competitions, etc.



M1505A_111 (DDR)

Diameter 180x43.8mm Thickness
Rated votage: 24 VDC
Power: 120 W
Rated speed:360rpm
Rated torque: 3 Nm
Motor weight: 1540 g

Advantages: Low noise, high integration, high efficiency, high protection level, and high reliabilit
Application: Wheeled robots/competition robots/mobile robot chassis/AGV/AMR driving wheel



Amusement Appliances

Racing simulator/Autonomous driving ecosystem



RACING SIMULATOR BASE MOTOR

Diameter 138x195.5mm Thickness
Rated votage: 48 VDC Power: 160 W
Rated speed: 170 rpm Rated torque: 9 Nm
Motor weight: 7.3kg
Cogging torque ripple ≤150mN.m

Advantages: Better control feel, more delicate force feedback, meet different configuration requirements
Application: Gaming Racing Simulator wheelbase, unmanned driving safety takeover system



Drive and control integrated

Adopting an integrated design of motor, driver, and encoder



Provide the best solutions forvarious Motors and motor modules (including motors, motor controllers, batteries, wires, etc.)



Home Appliances

Sweeping robot/Handheld floor scrubber/Educational vehicles

Direct Drive Hub Motor Side Sweep Motor Drive And Control Integrated



INTEGRATED WHEEL HUB MOTOR WITH ENCODER

Diameter: 74.5x20mm Thickness
Rated voltage: 25.2 VDC
Power: 1.5 W
Rated speed: 100 rpm
Rated torque: 0.15 Nm
Motor weight: 218 g

Diameter: 54.7x27.9mm Thickness
Rated voltage: 21.6 VDC
Power: 6 W
Rated speed: 100 rpm
Rated torque: 0.15 Nm
Motor weight: 160 g

Advantages: High integration, low noise, long life, high energy efficiency, easy installation

Application: Side sweep motor and Hub motors for sweeping robots, household floor scrubbers, toy cars;

Air Purifier/Food Delivery Robot



DIRECT DRIVE PM SYNCHRONOUS MOTOR

Diameter: 100.7x43mm Thickness
Rated voltage: 18 VDC
Power: 10 W
Rated speed: 115 rpm
Rated torque: 0.96 Nm
Motor weight: 745 g

Diameter: 64.7x30.3mm Thickness
Rated voltage: 18 VDC
Power: 10 W
Rated speed: 200 rpm
Rated torque: 0.55 Nm
Motor weight: 300 g

Advantages: High integration, low noise, long life, high energy efficiency, easy installation

Application: Hub motors for air purifiers, service robots, food delivery robots, educational vehicle platforms, toy cars, etc.

Home Appliances

Washer Drye/Commercial cleaning robot



M0701 SERIES (PM) (DDR)

Diameter: 75.25x42mm Thickness
Rated voltage: 24 VDC
Power: 25 W
Rated speed: 200 rpm
Rated torque: 1.2 Nm
Motor weight: 730g

Advantages: High integration, low noise, long life, high energy efficiency, easy installation

Application: Motor modules for small washing machines and dryers; Hub wheel for Commercial cleaning robot



M0901 SERIES (DDR)

Diameter: 89x54mm Thickness
Rated voltage: 310 VDC
Power: 55 W
Rated speed: 250 rpm
Rated torque: 2.0 Nm
Motor weight: 1340 g



Smart fitness equipment



FITNESS MOTOR MODULE

Diameter 124.5~169x78~121mm Thickness
Single motor power: 370W~1260W
Single motor pulling range: 3~120kg
Drive mode: single motor drive/dual motor drive
Communication control interface: serial port
Support OTA function

Advantages: More delicate touch, multiple output modes, windable structure design

Application: Motor modules for commercial fitness equipment, smart fitness mirrors, rowing machines, home gym system, etc. Used to replace load-bearing blocks

Industrial Appliances

In the field of servo motors for industrial robots, our company has rich production experience, strong technical strength, and a comprehensive product lineup. We tailor the best solutions for customers' different needs and usage purposes.

AGV/AMR/Industrial cleaning robot/Wheel-legged robot

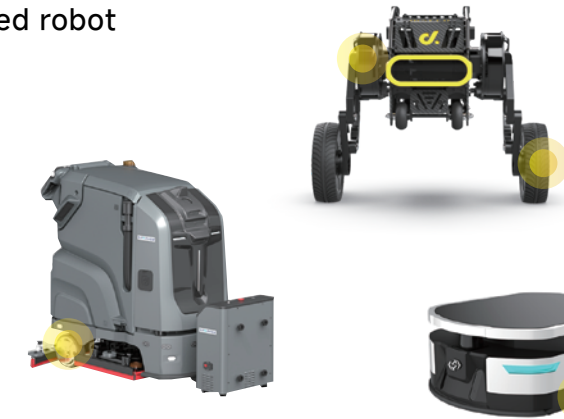


M1502D SERIES (DDR)

Diameter 187x52mm Thickness
Rated voltage: 24 VDC Power: 25 W
Rated speed: 200 rpm Rated torque: 1.2 Nm

Advantages: Low noise, high integration, high efficiency, high protection level, and high reliability

Application: Cruise ship electric door drive motor; Lawn mower chassis drive wheel; Camera car/mobile robot chassis/AGV/AMR driving wheel



Robotic lawn mower/Electric camper

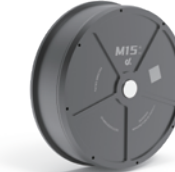


P0610 SERIES (PDD)

Diameter: 94x59mm Thickness
Rated voltage: 24 VDC
Power: 32 W
Rated speed: 100 rpm
Rated torque: 3 Nm
Motor weight: 600 g

Advantages: Low noise, high integration, high efficiency, high protection level, high reliability

Application: Lawn mower chassis drive wheel; Touring wheel hub motor



M1502E SERIES (DDR)

Diameter: 144x41.8mm Thickness
Rated voltage: 24 VDC
Power: 20 W
Rated speed: 95 rpm
Rated torque: 2 Nm
Motor weight: 1860 g

