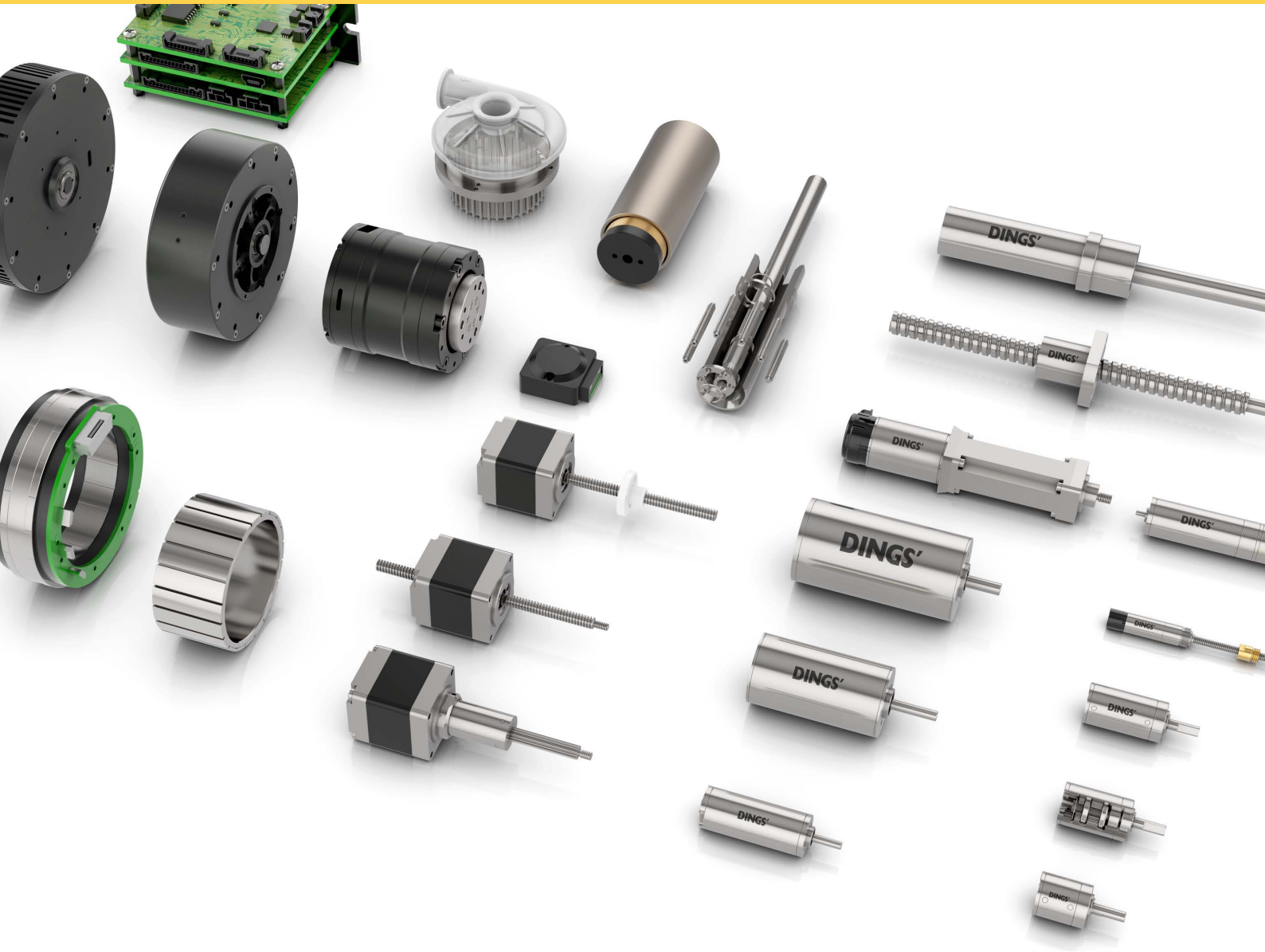
DINGS'

Precision Motion Specialist

SIMPLE BROCHURE

Jiangsu DINGS' Intelligent Control Technology Co., Ltd.



dingsmotion.com

Founded in 2008, Jiangsu DINGS' Intelligent Control Technology Co., Ltd. is guided by the philosophy, **"Quality stems from responsibility, and details determine success."**

As a global leader in precision linear motion, DINGS' delivers a comprehensive portfolio of precision stepper, DC and BLDC motors, voice coil motors, lead and ball screw linear actuators, PMSM motors for eco-mobility, and advanced motion controllers — setting new benchmarks in the global motion control market.

SCALE

300+	Advanced Machining Equipment	
40+	Automated Assembly Lines	
100+	Precision Testing & Analysis Systems	
140+	Patents & Intellectual Properties	

GROWTH

2008	Company Founded & DINGS' Brand Established
2010	DINGS' Motion USA Established
2016	DINGS' Korea Established
2019	Joined LEILI Group
2021	Changzhou Intelligent Manufacturing Plant Established Listed on China NEEQ Market
2022	Korea R&D Center Established
2023	Listed on Beijing Stock Exchange [Stock Code: 920593] DINGS' Korea Converted to Corporate Entity DINGS' Japan Established
2024	New Headquarters & Plant Established DINGS' Motion Europe Established
2025	Thailand Manufacturing Facility Established

CERTIFICATIONS

ISO 9001 — Quality

ISO 14001 — Environmental

ISO 45001 — Health & Safety

ISO 13485 — Medical Device Quality

ISO/IEC 17025 — Laboratory Accreditation

IATF16949 — Automotive Quality

IPMS — Intellectual Property

CE — Safety Standards

RoHS COMPLIANT — Environmental Standards - RoHS

REACH NPS — Environmental Standards - REACH

PRODUCT WARRANTY

Warranty period: 1 year from shipment.

Free repair is provided for defects in materials or workmanship under normal use.

Warranty does not apply to:

- Warranty expiration or damaged/lost nameplates
- Improper installation or operating conditions
- Unauthorized disassembly or modification
- Repairs conducted outside of official service channels
- Force majeure, including natural disasters

DINGS' is committed to quality, reliability, and responsibility

— delivering high-performance motion solutions built on precision engineering.

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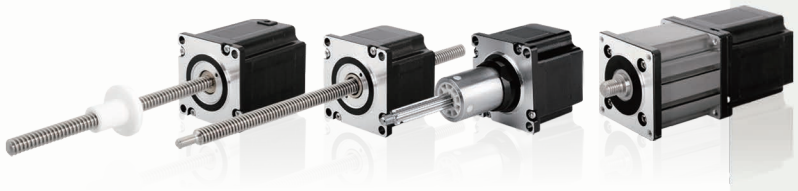
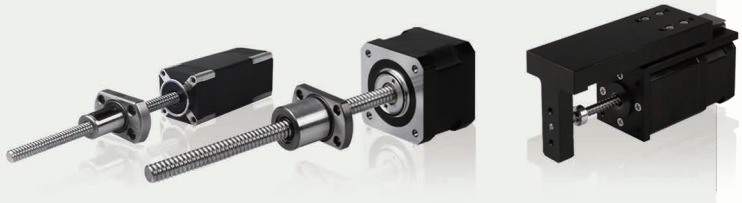
DINGS' PRODUCT LINEUP



Stepper Lead Screw Linear Actuator

External · Non-captive · Captive · Kaptive
14 - 86 mm
Standard · Custom options

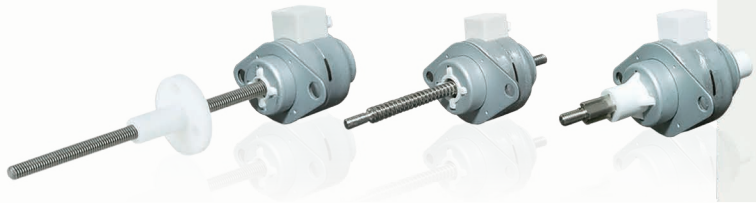
[Options] Encoder, Brake, Manual Knob
Driver, Anti-backlash Nut



Stepper Ball Screw Linear Actuator

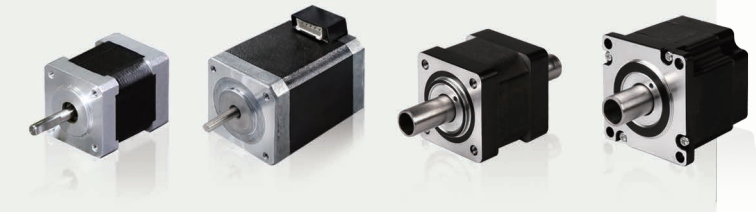
External
14 - 57 mm
Integrated Guide DLG series

[Options] Encoder, Brake, Manual Knob, Driver



PM Stepper Linear Actuator

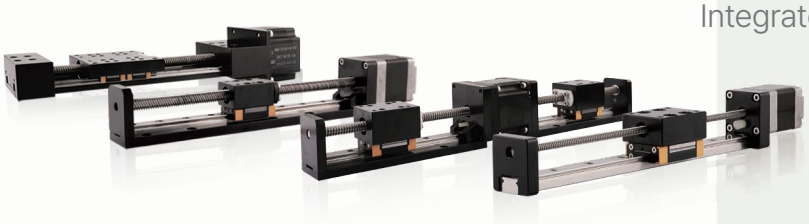
External · Non-captive · Kaptive
15, 20, 25, 36, 46 mm
Standard · Custom options



Hybrid Rotary & Hollow Shaft Stepper Motor

[2-phase] 14 - 86 mm
[5-phase] 28, 42, 60 mm
Standard · Custom options
Single shaft · Double shaft

[Options] Encoder, Brake, Gearbox, Driver



Linear Module Series

Integrated modular design: DLM / LR-DLM
Lightweight · Cost-effective: DSM
High precision: DSLM
High rigidity · Precision: DWM

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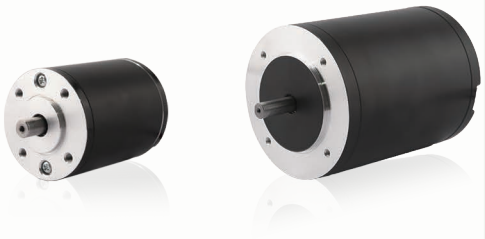
DINGS' PRODUCT LINEUP



Brushed DC Motor

Ø42, 50, 63, 80 mm
Rated speed: 1,700 - 3,200 rpm
High-speed operation · Precision control

[Options] Encoder, Gearbox, Integrated lead screw

Brushed Coreless DC Motor

Ø8, 10, 16, 25, 40 mm
Rated speed: 360 - 10,000 rpm
Low inertia · High response
High efficiency · Precision control

[Options] Encoder, Integrated gearbox

Slotted Brushless DC Motor

Ø16 - 42 mm
▢42 - 110 mm
Rated speed: 1,500 - 12,600 rpm

[Options] Encoder, Gearbox, Hall sensor
Integrated lead screw

Slotless Brushless DC Motor

Ø6 - 42 mm
Rated speed: 5,400 - 51,300 rpm
91% efficiency · High-speed operation
Standard · Hollow shaft · Integrated screw

[Options] Encoder, Gearbox, Hall sensor
Integrated lead screw

Coreless Push Rod Actuator

Ø8, 10, 12, 16, 22 mm
Rated thrust: 25 - 750 N
High-precision linear motion (±0.08 mm)
Standard · Custom stroke available

[Options] Encoder, Integrated gearbox

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Voice Coil Motor · Actuator

Cylindrical 12.7 - 60 mm / Flat 76, 97 mm
Standard · High-force type
Custom size, Stroke & Thrust available

[Modular integrated solution] VCM + Driver
+ Linear encoder (1 μm) + Mechanism module

Frameless Motor

25, 38, 43, 50, 60, 70, 85, 115 mm
Rated speed: 1,400 - 22,650 rpm
High-torque modular design
Low cogging · Compact structure

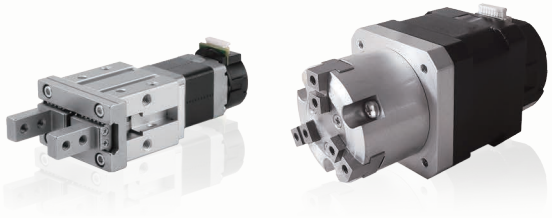
[Options] Built-in Hall & temperature sensors,
Encoder optional

Outer Rotor Motor

20, 32, 42 mm
Rated speed: 2,760 - 5,170 rpm
Rated torque: 7.59 - 220 mN·m
Compact high-torque design
Low vibration · Wide speed control range

Small DC Servo Motor

25 mm
Rated torque: 35 - 105 mN·m
High-precision positioning
(17-bit absolute encoder)
IP54 protection rating



Gripper

20 - 42 mm stepper
6 · 12 mm stroke
Max. 371 N gripping force
2-Finger · 3-Finger

[Options] Encoder · Torque control driver

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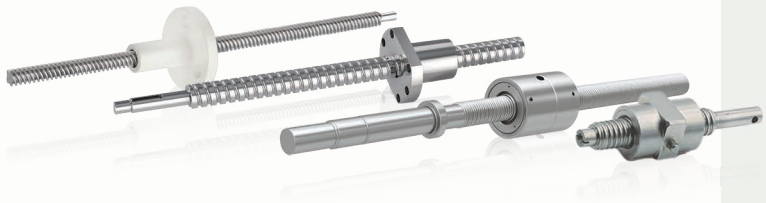
DINGS' PRODUCT LINEUP

Motion Controller

Standalone & Integrated drive types
Stepper · BLDC · VCM control solutions
Pulse · RS485 · CANopen · EtherCAT
Open-loop · Closed-loop control

Customization Options

Encoder · Brake · Anti-backlash nut
Manual knob · Teflon coating · IP rating
Precision planetary gearbox
(1–4 stages, low backlash)



Screw Assemblies

Lead screw: Ø2.5 - 15.875 mm
Ball screw: Ø4 - 25 mm
Planetary roller screw: Ø8 - 25 mm
Push rod linear module

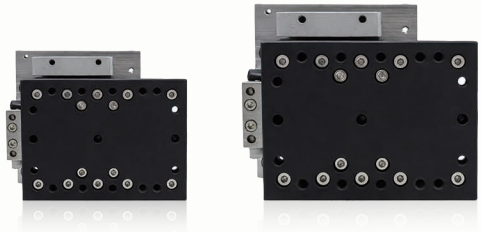
PARTNER BRANDS

[Powered by MYACTUATOR]

Robot Joint Servo Actuator

BLDC integrated joint module
Standard · Hollow · Integrated drive
Direct · Planetary · Harmonic drive

MYACTUATOR®
Profession · Reliability · Innovation



[Powered by INNOTRO]

Voice Coil Stage, INV Series

INV76 · INV97, Stroke 20 mm
Incremental Linear Encoder (ABS type optional)
Resolution 0.1 μm · Repeatability ±0.5 μm
Direct Drive · Low Friction · Fast Response

INNOTRO

DINGS
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PARTNER BRANDS

[Powered by Dongguan Silent]

Micro Precision Gearbox · Gearmotor

Ø4.3 - 62 mm
1 - 5 stages · Wide gear ratio range
Low noise · Low backlash design
Precision · High-speed operation

Silent

[Powered by HKX]

DC Servo Linear Actuator

DC servo ball screw actuator, MBS series
Guided DC servo cylinder, MEC series

HKX

[Powered by ADT]

Micro BLDC Blower

High-efficiency BLDC drive
C Type · S Type (Driver integrated)
20,000+ Hour Service Life
Biomedical applications

ADT 锚点氢能

[Powered by Welcon Systems]

DC Servo Drive

High-precision · High-response control
Supports multiple motor · encoder options
CE · TUV certified reliability

welcon
SYSTEMS

DINGS'
Precision Motion Specialist

ENG Web

Partners Web

YouTube

HEADQUARTERS

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