DINGS'

Precision Motion Specialist

DSLM SERIES

PRODUCT CATALOG

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
2026	DINGS' Motion Europe Austria Branch 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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DSLM SERIES

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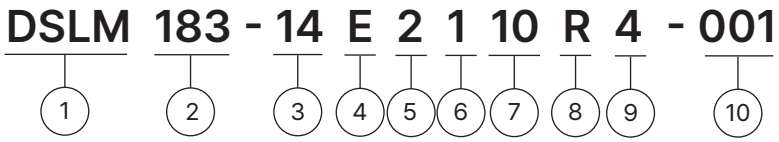
Part number construction



① Product Name
DSLM Series Module

② Stroke (mm)
183 = 183mm

③ Motor Size

Motor Size (mm)	35	42	57
Motor Size (NEMA)	14	17	23

④ Motor Type
E = External type

⑤ Motor Step Angle
2 = 2-phase, 1.8° step angle

⑥ Motor Length
1 = Single stack
2 = Double stack

⑦ Rated Current / Phase
XX = X.X (A) / Phase

⑧ Lead Screw Code
Please refer to the lead screw code selection table

⑨ Number of Lead Wires
4 = 4-wire leads

⑩ Customer Sequence Number

Example

Part Number	DSLM183-14E2110R4-001
Description	DSLM Linear Module 183mm Stroke NEMA 14 External Linear Actuator 2-phase / 1.8° Stepper Single Stack 1.0A / Phase R Lead (0.2" or 5.08mm) 4-wire leads Serial Number 001

35mm DSLM

DINGS' DSLM Series in NEMA Size 14 [35mm] offers excellent linear speed and precise positioning performance.

Using spline slide rail as linear guide, it maximizes travel distance as max. 900mm stroke and ensures stable slider movement.

The DSLM series offers Teflon coating for a longer life cycle and employs a fixed half-nut structure to drive the slide, providing stable operation.

Motor Characteristics

Motor	Voltage (V)	Current (A [RMS])	Resistance (Ω)	Inductance (mH)	Lead wires	Motor length (mm)
14E2105	6.6	0.5	13.2	14	4	33.6
14E2110	3.5	1.0	3.5	3.6	4	33.6
14E2115	2.7	1.5	1.8	1.9	4	33.6
14E2205	12.0	0.5	24.0	29	4	45.6
14E2210	6.0	1.0	6.0	7.2	4	45.6
14E2215	4.0	1.5	2.7	3.2	4	45.6

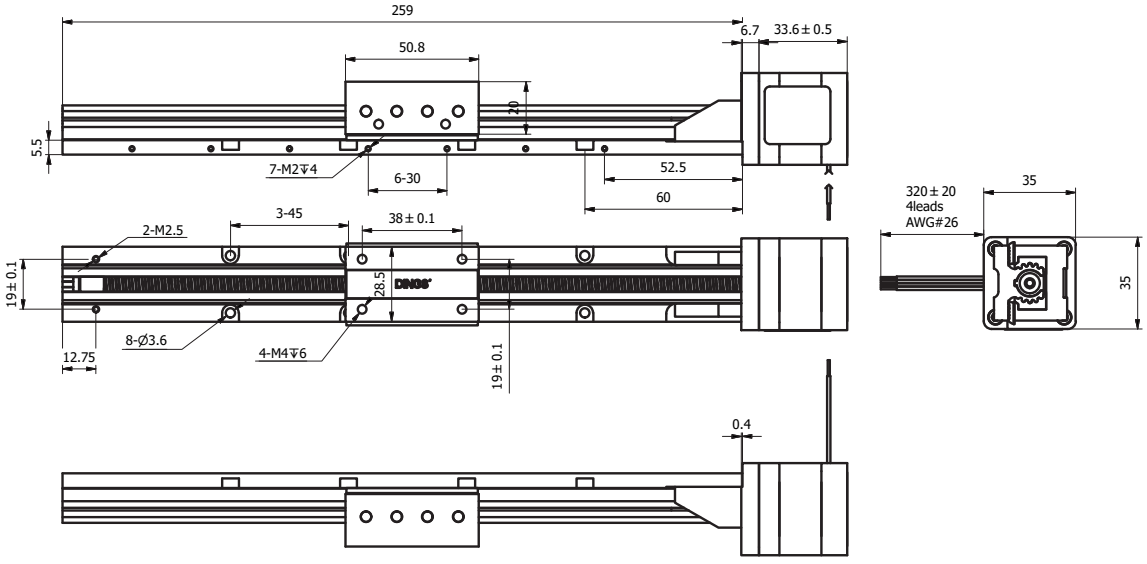
Available Lead Screw and Travel per Step

Screw Dia. (inch)	Screw Dia. (mm)	Lead (inch)	Lead (mm)	Lead Code	Travel Per Step @1.8° (mm)*
0.25	6.35	0.2	5.08	R	0.0254

Dimensional Drawings

Available Stroke Selection

Stroke (mm)	Base Length
50	126
100	176
150	226
200	276
250	326
300	376
350	426
400	476
450	526
500	576



As the DSLM module uses sliding friction, please check the standard linear thrust data and allow a 1–2 kg margin in product selection.

42mm DSLM

DINGS' DSLM Series in NEMA Size 17 [42mm] offers excellent linear speed and precise positioning performance.

Using spline slide rail as linear guide, it maximizes travel distance as max. 900mm stroke and ensures stable slider movement.

The DSLM series offers Teflon coating for a longer life cycle and employs a fixed half-nut structure to drive the slide, providing stable operation.

Motor Characteristics

Motor	Voltage (V)	Current (A [RMS])	Resistance (Ω)	Inductance (mH)	Lead wires	Motor length (mm)
17E2105	7.2	0.5	14.4	19.8	4	34.1
17E2110	3.8	1.0	3.8	5.0	4	34.1
17E2115	2.85	1.5	1.9	2.2	4	34.1
17E2205	11.0	0.5	22	46	4	48.1
17E2212	4.5	1.2	3.8	8.0	4	48.1
17E2225	2.5	2.5	1.0	1.8	4	48.1

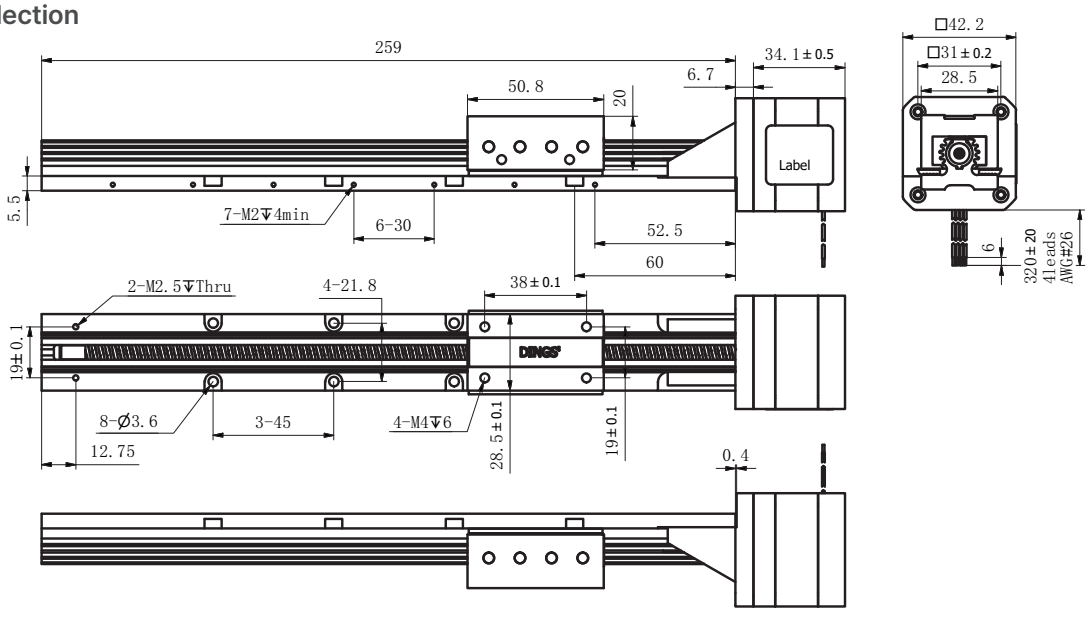
Available Lead Screw and Travel per Step

Screw Dia. (inch)	Screw Dia. (mm)	Lead (inch)	Lead (mm)	Lead Code	Travel Per Step @1.8° (mm)*
0.25	6.35	0.2	5.08	R	0.0254

Dimensional Drawings

Available Stroke Selection

Stroke (mm)	Base Length
50	126
100	176
150	226
200	276
250	326
300	376
350	426
400	476
450	526
500	576



As the DSLM module uses sliding friction, please check the standard linear thrust data and allow a 1–2 kg margin in product selection.

57mm DSLM

DINGS' DSLM Series in NEMA Size 23 [57mm] offers excellent linear speed and precise positioning performance.

Using spline slide rail as linear guide, it maximizes travel distance as max. 900mm stroke and ensures stable slider movement.

The DSLM series offers Teflon coating for a longer life cycle and employs a fixed half-nut structure to drive the slide, providing stable operation.

Motor Characteristics

Motor	Voltage (V)	Current (A [RMS])	Resistance (Ω)	Inductance (mH)	Lead wires	Motor length (mm)
23E2110	6.4	1.0	6.4	16.4	4	45
23E2120	3.2	2.0	1.75	4.1	4	45
23E2130	2.4	3.0	0.8	1.7	4	45
23E2210	10.8	1.0	11.5	32	4	65
23E2225	4.2	2.5	2.0	5.2	4	65
23E2240	2.8	4.0	0.7	2.0	4	65

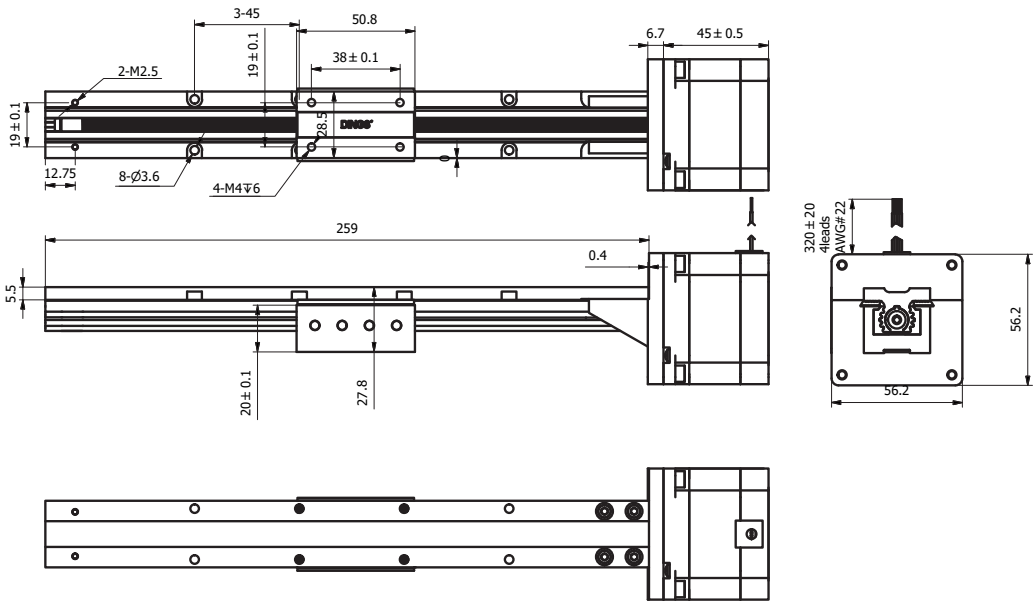
Available Lead Screw and Travel per Step

Screw Dia. (inch)	Screw Dia. (mm)	Lead (inch)	Lead (mm)	Lead Code	Travel Per Step @1.8° (mm)*
0.25	6.35	0.2	5.08	R	0.0254

Dimensional Drawings

Available Stroke Selection

Stroke (mm)	Base Length
50	126
100	176
150	226
200	276
250	326
300	376
350	426
400	476
450	526
500	576



As the DSLM module uses sliding friction, please check the standard linear thrust data and allow a 1–2 kg margin in product selection.

DINGS'
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ENG Web | Partners Web | YouTube

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Rev. 2026.09

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