

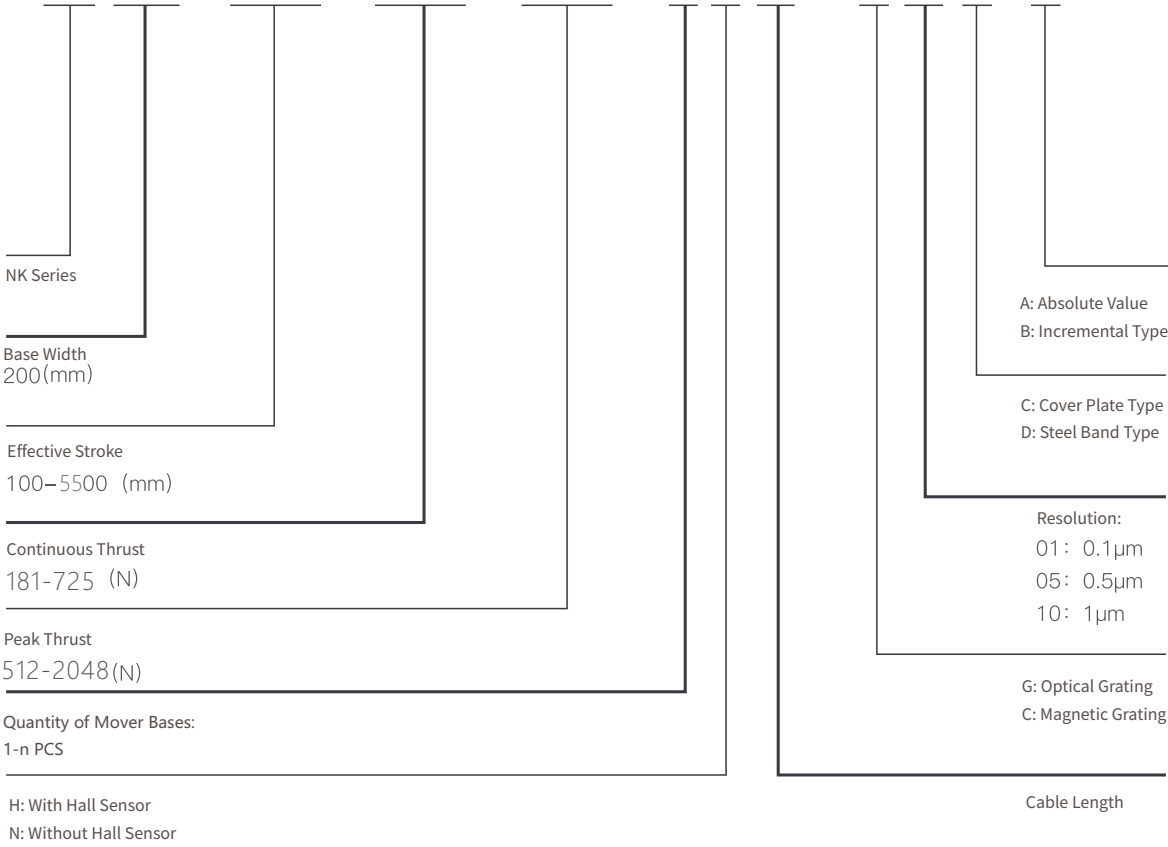
Linear Motor Module

- Semi-sealed Structure
- Max. Stroke: 5500mm
- Max. Speed: 5m/s
- Motor Continuous Thrust Range: 181N~725N
- Rail Specification: 20-2 PCS



Model Number Designation System

NK200 – 2000 – 181 – 512 – 1 H 03 – G 01 C A



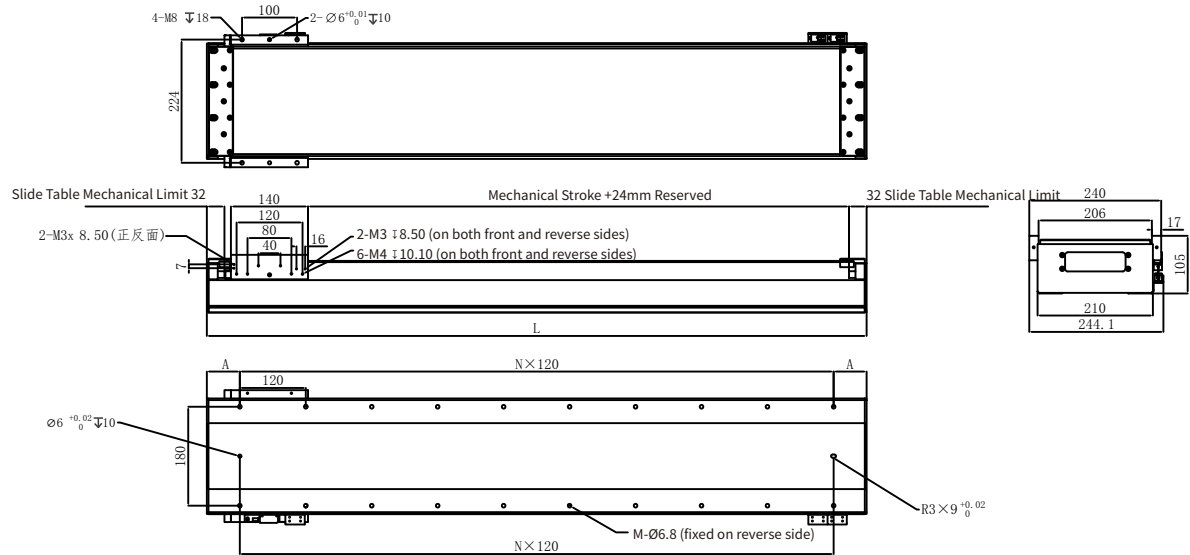
Note:
Magnetic grating scale resolution: Standard 1μm
Optical grating scale resolution: Standard 0.1um or 0.5um
Please refer to the corresponding technical drawings for dust protection specifications.

NK200-MK21: Basic Parameters

Series			NK200			
Peak Thrust (N)			512			
Continuous Thrust (N)			181			
Stroke (mm)			100–5500			
Repeated Positioning Precision (μm)	Feedback Type	Resolution	100–1000	1001–2000	2001–3800	3800–5500
	Optical Grating Scale	0.1μm	±1	±2	±3	±4
		0.5μm	±1	±2	±3	±4
	Magnetic Grating Scale	1μm	±2	±3	±5	±7
Max. Load Capacity (kg)			60			
Max. Speed (No Load) (m/s)	Resolution: 0.5μm/1μm		4			
	Resolution: 0.1μm		1.5			
Max. Acceleration (No Load) (m/s²)			50			

NK200-MK21: Dimensions

In Stock Lead Time: 15-20 Days
*The lead time is subject to change during special periods. Please consult our sales team.



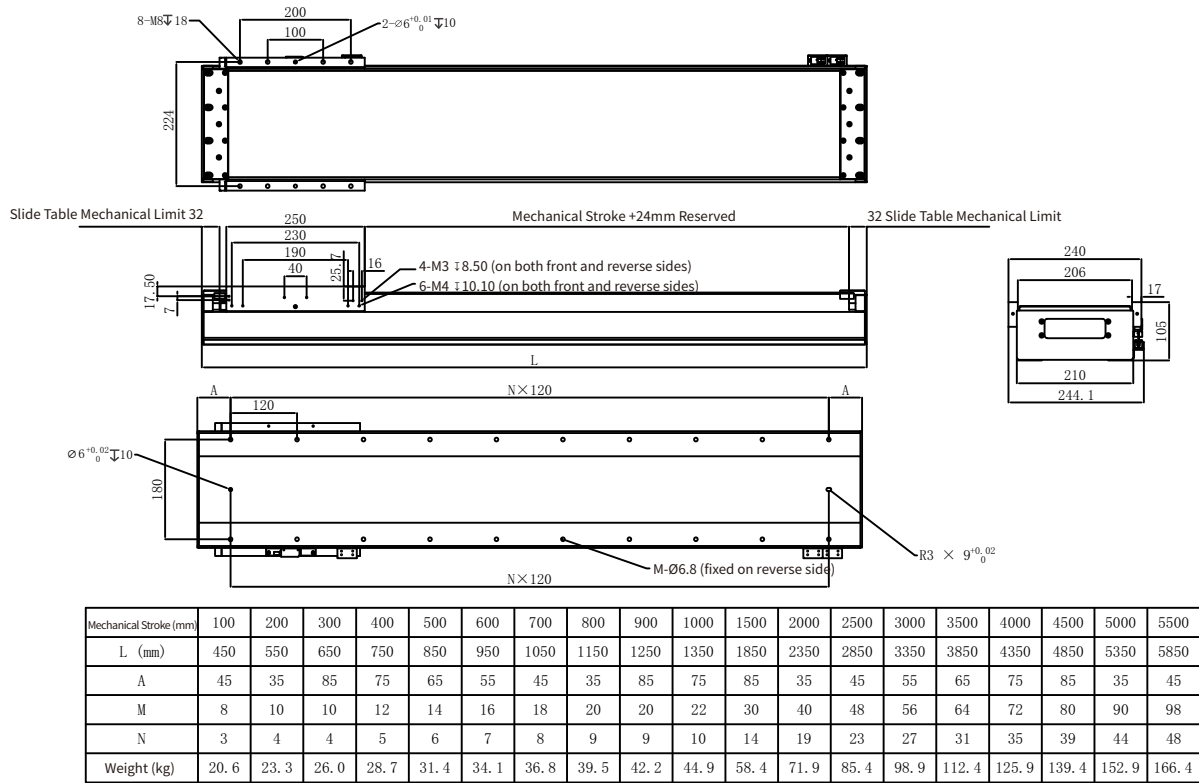
Mechanical Stroke (mm)	100	200	300	400	500	600	700	800	900	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500
L (mm)	340	440	540	640	740	840	940	1040	1140	1240	1740	2240	2740	3240	3740	4240	4740	5240	5740
A	50	40	30	80	70	60	50	40	30	80	30	40	50	60	70	80	30	40	50
M	6	8	10	10	12	14	16	18	20	20	30	38	46	54	62	70	80	88	96
N	2	3	4	4	5	6	7	8	9	9	14	18	22	26	30	34	39	43	47
Weight (kg)	14.1	16.8	19.5	22.2	24.9	27.6	30.3	33.0	35.7	38.4	51.9	65.4	78.9	92.4	105.9	119.4	132.9	146.4	159.9

• NK200-MK22: Basic Parameters

Series			NK200			
Peak Thrust (N)			1023			
Continuous Thrust (N)			362			
Stroke (mm)			100–5500			
Repeated Positioning Precision (μm)	Feedback Type	Resolution	100–1000	1001–2000	2001–3650	3651–5500
	Optical Grating Scale	0.1μm	±1	±2	±3	±4
		0.5μm	±1	±2	±3	±4
	Magnetic Grating Scale	1μm	±2	±3	±5	±7
Max. Load Capacity (kg)			120			
Max. Speed (No Load) (m/s)	Resolution: 0.5μm/1μm		4			
	Resolution: 0.1μm		1.5			
Max. Acceleration (No Load) (m/s²)			50			

• NK200-MK22: Dimensions

Lead Time: 15-20 Days
*The lead time is subject to change during special periods. Please consult our sales team.



• NK200-MK23: Basic Parameters

Series			NK200			
Peak Thrust (N)			1535			
Continuous Thrust (N)			544			
Stroke (mm)			100–5500			
Repeated Positioning Precision (μm)	Feedback Type	Resolution	100–1000	1001–2000	2001–3550	3551-5500
	Optical Grating Scale	0.1μm	±1	±2	±3	±4
		0.5μm	±1	±2	±3	±4
	Magnetic Grating Scale	1μm	±2	±3	±5	±7
Max. Load Capacity (kg)			180			
Max. Speed (No Load) (m/s)	Resolution: 0.5μm/1μm		4			
	Resolution: 0.1μm		1.5			
Max. Acceleration (No Load) (m/s²)			50			

• NK200-MK23: Dimensions

Lead Time: 15-20 Days
*The lead time is subject to change during special periods. Please consult our sales team.

