

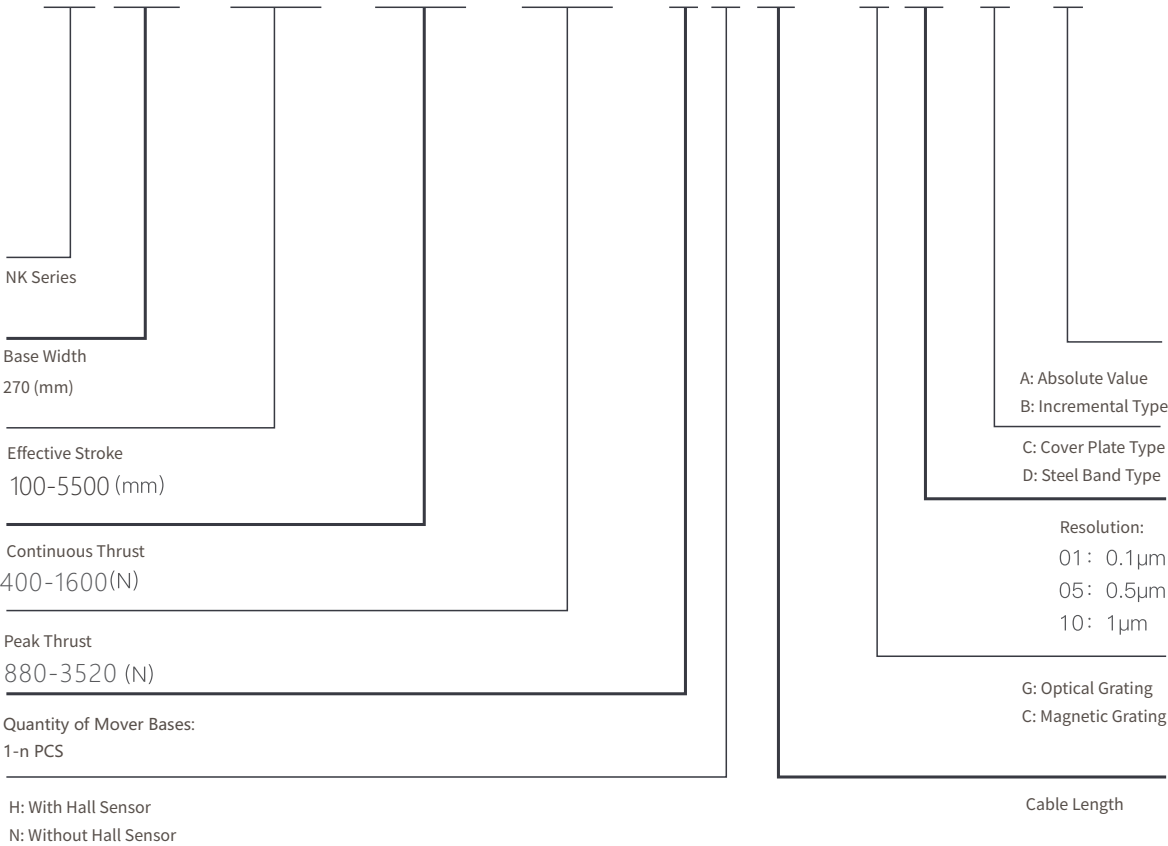
Linear Motor Module

- Semi-sealed Structure
- Max. Stroke: 5500mm
- Max. Speed: 5m/s
- Motor Continuous Thrust Range: 400N~1600N
- Rail Specification: 30-2 PCS



Model Number Designation System

NK270 - 2000 - 400 - 880 - 1 H 03 - G 01 C A



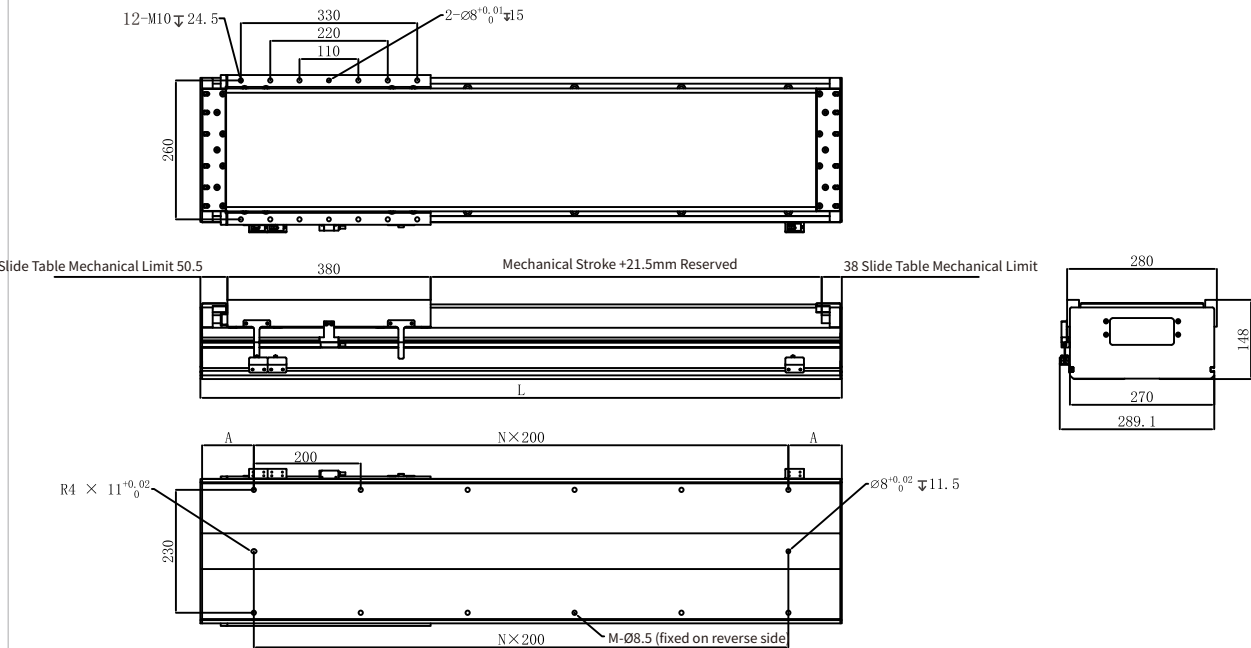
Note:  
Magnetic grating scale resolution: Standard 1µm  
Optical grating scale resolution: Standard 0.1µm or 0.5µm  
Please refer to the corresponding technical drawings for dust protection specifications.

NK270-WKM100-3: Basic Parameters

Series			NK270			
Peak Thrust (N)			3520			
Continuous Thrust (N)			1600			
Stroke (mm)			100–5500			
Repeated Positioning Precision (μm)	Feedback Type	Resolution	100–1000	1001–2000	2001–3700	3701-5500
	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)			100			
Max. Speed (No Load) (m/s)	Resolution: 0.5μm/1μm		4			
	Resolution: 0.1μm		1.5			
Max. Acceleration (No Load) (m/s²)			50			

NK270-WKM100-3: 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)	590	690	790	890	990	1090	1190	1290	1390	1490	1990	2490	2990	3490	3990	4490	4990	5490	5990
A	95	45	95	45	95	45	95	45	95	45	95	45	95	45	95	45	95	45	95
M	6	8	8	10	10	12	12	14	14	16	20	26	30	36	40	46	50	56	60
N	2	3	3	4	4	5	5	6	6	7	9	12	14	17	19	22	24	27	29
Weight (kg)	52.0	56.1	60.1	64.2	68.3	72.4	76.5	80.5	84.6	88.7	109.1	129.5	149.9	170.2	190.6	211.0	231.4	251.8	272.2