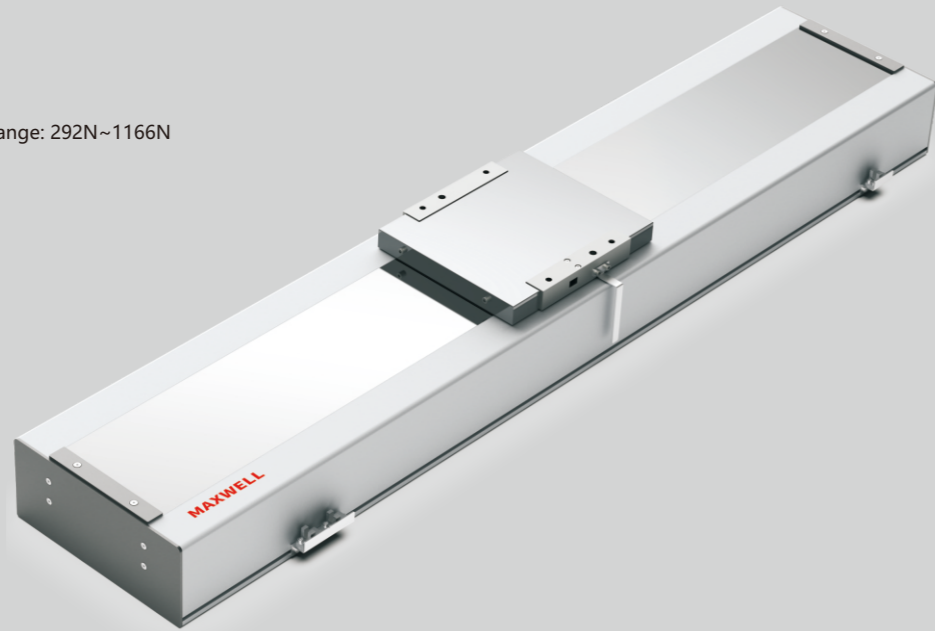


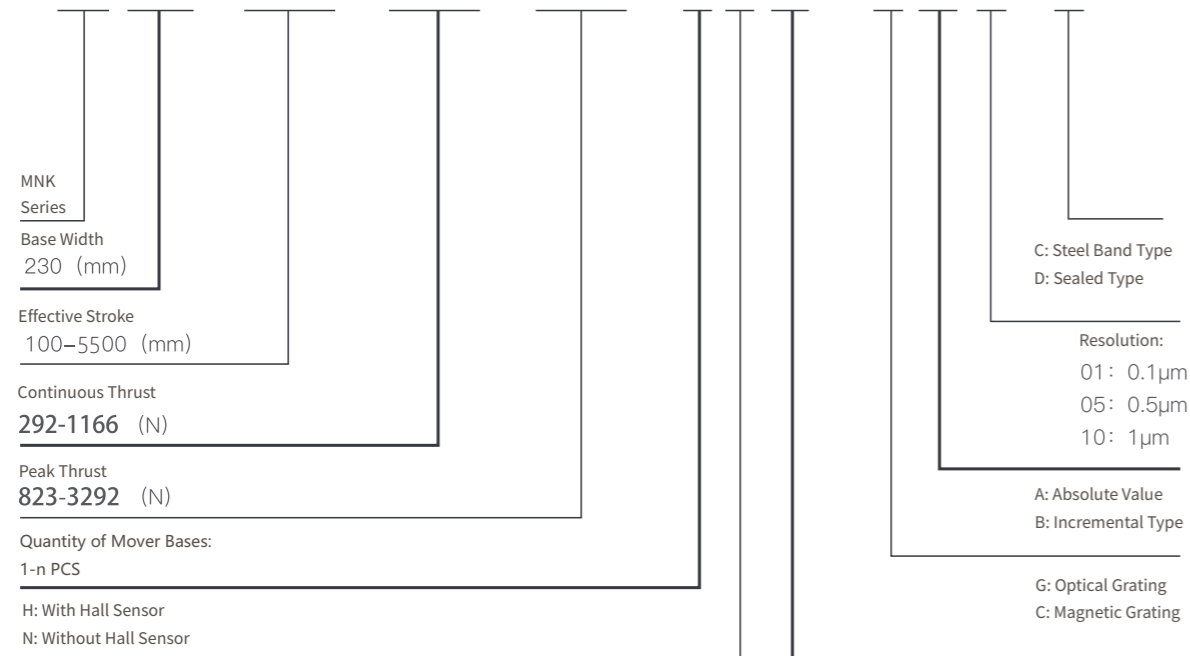
Linear Motor Module

- Fully-Sealed Structure
- Max. Stroke: 5500mm
- Max. Speed 5m/s
- Motor Continuous Thrust Range: 292N~1166N
- Rail Specification: 20-2 PCS



Model Number Designation System

MNK230 - 2000 - 292 - 823 - 1 H 03 - G A 01 C



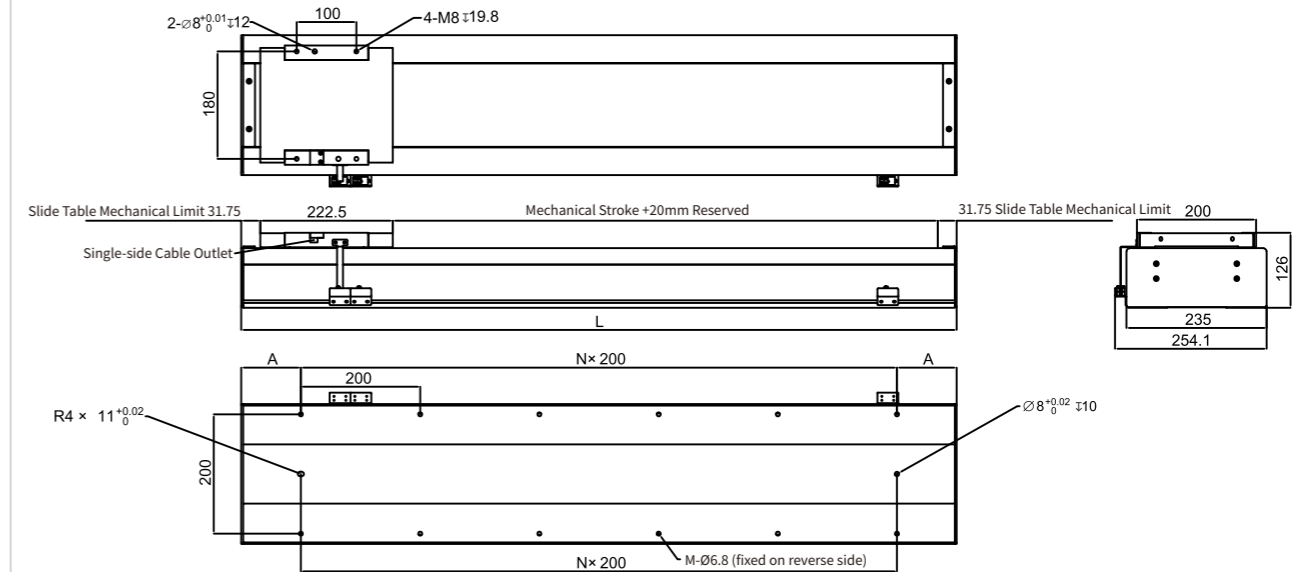
Note:  
Magnetic grating scale resolution: Standard 1μm  
Optical grating scale resolution: Standard 0.1μm or 0.5μm  
Please refer to the corresponding technical drawings for dust protection specifications.

MNK230-MK31: Basic Parameters

Series		MNK230				
Peak Thrust (N)		823				
Continuous Thrust (N)		292				
Stroke (mm)		100-5500				
Repeated Positioning Precision (μm)	Feedback Type	Resolution	100-1000	1001-2000	2001-2900	2901-5500
	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/s <sup>2</sup> )		50				

MNK230-MK31: 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)	406	506	606	706	806	906	1006	1106	1206	1306	1806	2306	2806	3306	3806	4306	4806	5306	5806
A	103	53	103	53	103	53	103	53	103	53	103	53	103	53	103	53	103	53	103
M	4	6	6	8	8	10	10	12	12	14	18	24	28	34	38	44	48	54	58
N	1	2	2	3	3	4	4	5	5	6	8	11	13	16	18	21	23	26	28
Weight (kg)	22.5	25.9	29.4	32.8	36.2	39.7	43.1	46.6	50.0	53.4	70.6	87.8	105.0	122.2	139.4	156.6	173.8	191.0	208.2

• MNK230-MK32: Basic Parameters

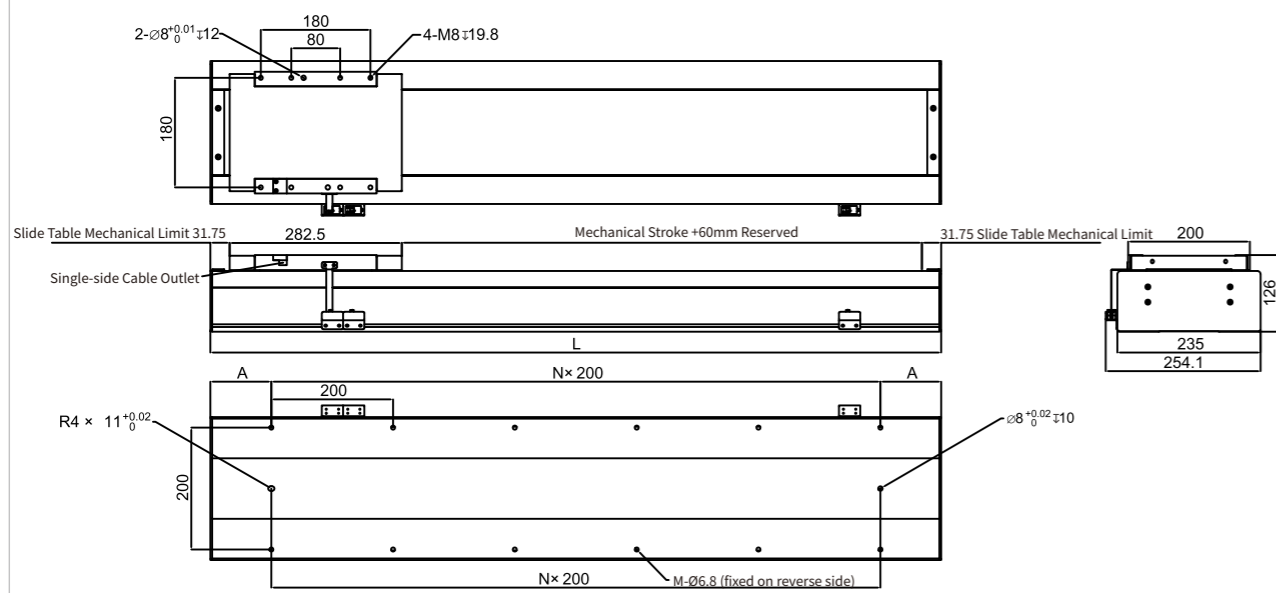
Series		MNK230				
Peak Thrust (N)		1646				
Continuous Thrust (N)		583				
Stroke (mm)		100–5500				
Repeated Positioning Precision (μm)	Feedback Type	Resolution	100–1000	1001–2000	2001–2800	2801–5500
	Optical Grating Scale	0.1 μm	±1	±2	±3	±4
	Magnetic Grating Scale	0.5 μm	±1	±2	±3	±4
	Magnetic Grating Scale	1 μm	±2	±3	±5	±7
Max. Load Capacity (kg)		200				
Max. Speed (No Load) (m/s)	Resolution: 0.5 μm/1 μm	4				
	Resolution: 0.1 μm	1.5				
Max. Acceleration (No Load) (m/s <sup>2</sup> )		50				

• MNK230-MK33: Basic Parameters

Series		MNK230				
Peak Thrust (N)		2469				
Continuous Thrust (N)		875				
Stroke (mm)		100–5500				
Repeated Positioning Precision (μm)	Feedback Type	Resolution	100–1000	1001–2000	2001–2700	2701–5500
	Optical Grating Scale	0.1 μm	±1	±2	±3	±4
	Magnetic Grating Scale	0.5 μm	±1	±2	±3	±4
	Magnetic Grating Scale	1 μm	±2	±3	±5	±7
Max. Load Capacity (kg)		300				
Max. Speed (No Load) (m/s)	Resolution: 0.5 μm/1 μm	4				
	Resolution: 0.1 μm	1.5				
Max. Acceleration (No Load) (m/s <sup>2</sup> )		50				

• MNK230-MK32: Dimensions

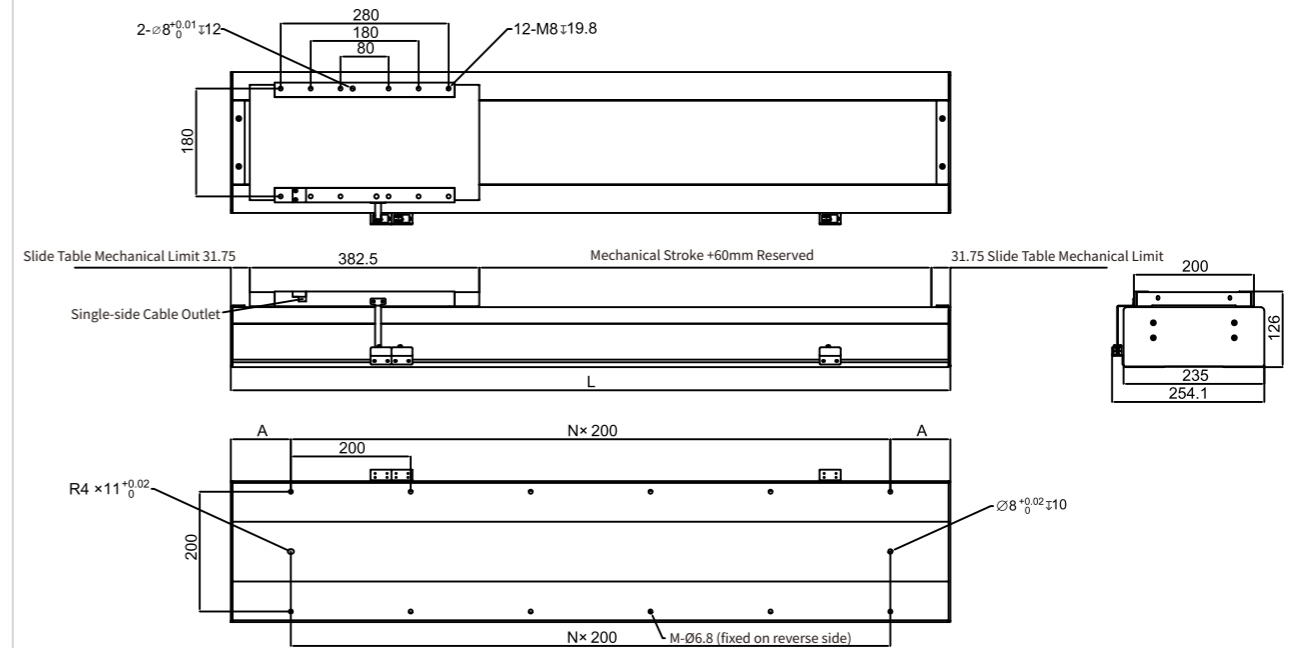
In Stock Lead Time: 15-20 Days  
\*The lead time is subject to change during special periods. Please consult our sales team.



Mechanical Stroke (mm)	100	200	300	400	500	600	700	800	900	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500
L (mm)	506	606	706	806	906	1006	1106	1206	1306	1406	1906	2406	2906	3406	3906	4406	4906	5406	5906
A	53	103	53	103	53	103	53	103	53	103	53	103	53	103	53	103	53	103	53
M	6	6	8	8	10	10	12	12	14	14	20	24	30	34	40	44	50	54	60
N	2	2	3	3	4	4	5	5	6	6	9	11	14	16	19	21	24	26	29
Weight (kg)	29.2	32.6	36.1	39.5	42.9	46.4	49.8	53.2	56.7	60.1	77.3	94.5	111.7	128.9	146.1	163.3	180.5	197.7	214.9

• MNK230-MK33: 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)	606	706	806	906	1006	1106	1206	1306	1406	1506	2006	2506	3006	3506	4006	4506	5006	5506	6006
A	103	53	103	53	103	53	103	53	103	53	103	53	103	53	103	53	103	53	103
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)	37.2	40.6	44.1	47.5	51.0	54.4	57.8	61.3	64.7	68.2	85.4	102.5	119.7	136.9	154.1	171.3	188.5	205.7	222.9

