



Max. Stroke12000mm

Max. Speed4000mm/s

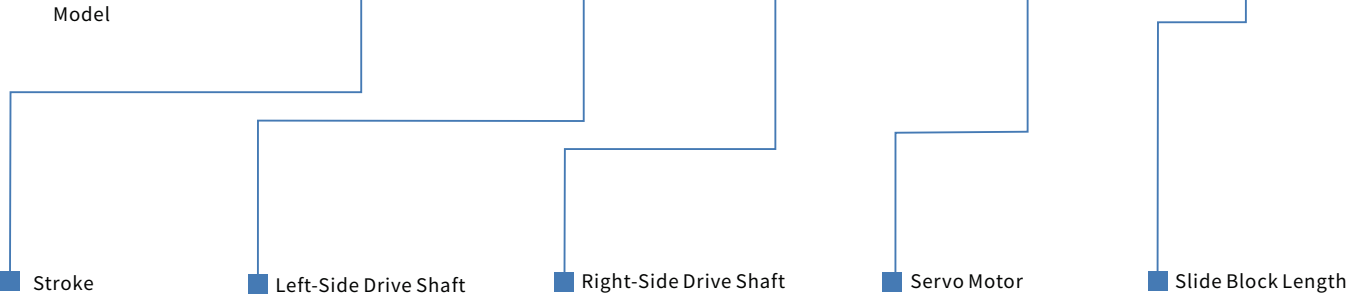
Motor Capacity1500W

Pitch224mm

Linear Guide25*18 - 1 PC

Model Number Designation System

MTG100 - S500 - LK - RK - 750W - BJ



Custom stroke	1-6000mm
Pitch	50mm

LK	No drive Shaft
LV	Drive shaft on the left side
LH	Drive shaft on the right side
LB	Dual-output drive shaft

RK	No drive Shaft
RV	Drive shaft on the left side
RH	Drive shaft on the right side
RB	Dual-output drive shaft

1	750W
2	1000W
3	1500W
H	Stepper motor

BJ	Standard slide block
DJ	Customized slide block

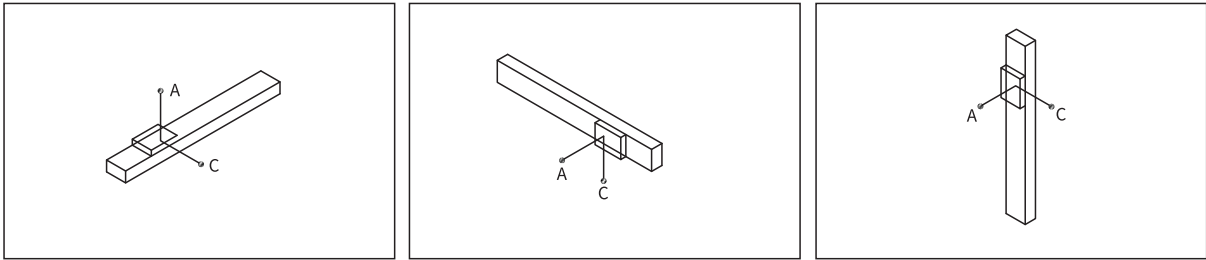
Product Catalog

Basic Specifications

Performance	Position Repetition Precision		±0.05
	Lead (travel distance per pulley revolution)		224mm
	Max. Speed		4 m/s
	Max. Handling Weight	Horizontal Use	200kg
		Vertical Use	150kg
Components	Standard Stroke		Custom stroke up to 11000mm
	Timing Belt Model		HTD8m
	Timing Belt Width		58mm
	Timing Belt Pitch		8mm
	Max. Working Tension of Timing Belt		2000N
	Home Sensor	External-mounted	FC-SPX303Z(NPN)
			LU672-5NA(NPN)

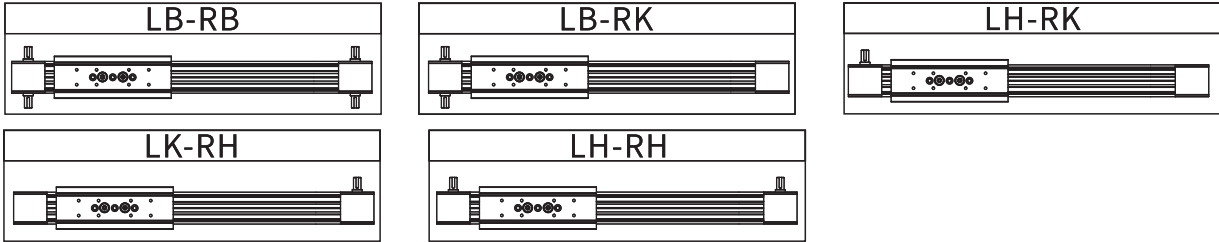
Allowable Load Moment Table

Horizontal Operation



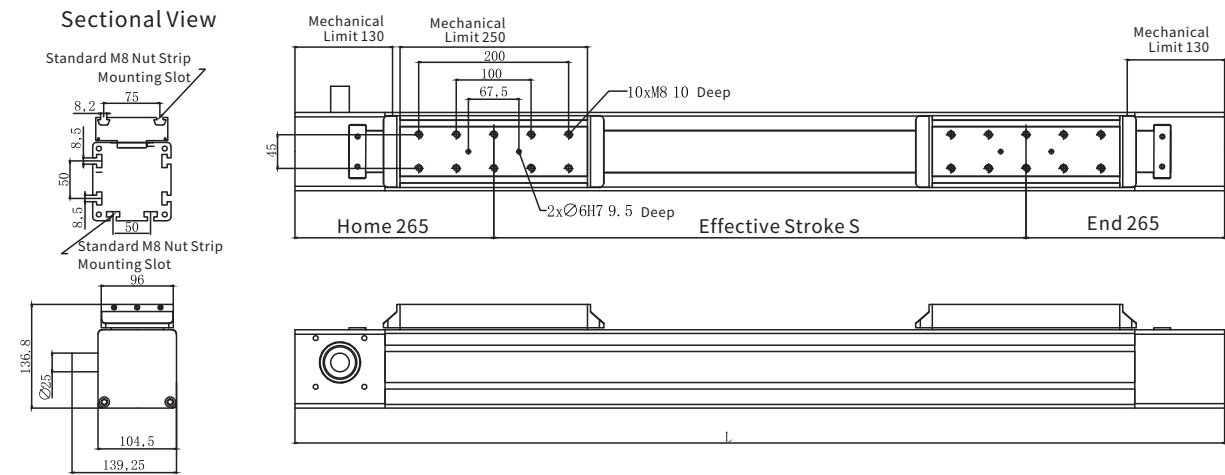
(Unit: mm)			(Unit: mm)			(Unit: mm)		
Horizontal Mounting	A	C	Side Mounting	A	C	Vertical Mounting	A	C
100kg	500	400	50kg	400	500	50kg	300	200
150kg	300	200	80kg	200	300	80kg	150	100
200kg	200	100	150kg	100	200	150kg	75	50

List of Shaft Directions



● Right-Side Drive Shaft

• Download CAD drawings at www.dgshihai.com •



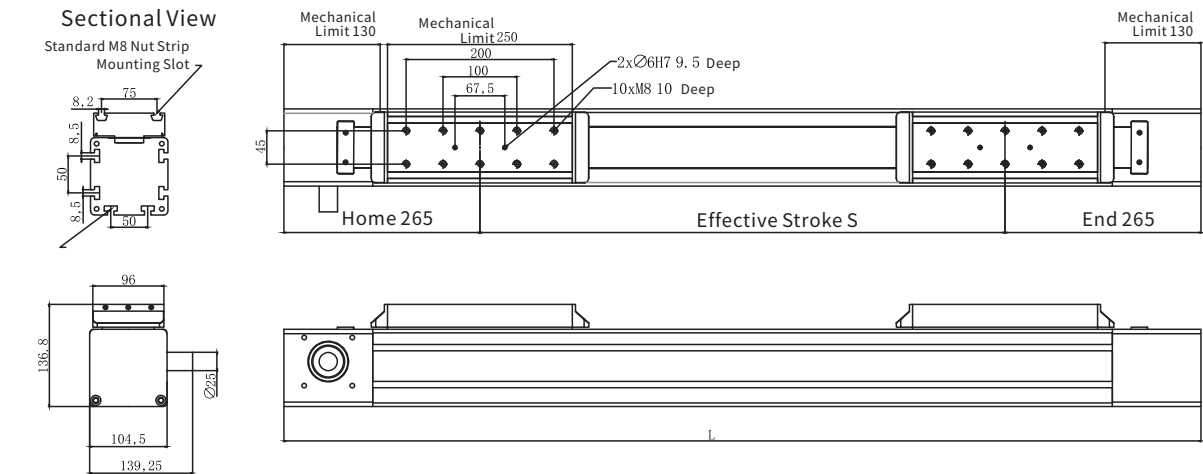
Feed Constant 224

Unit: MM

Effective Stroke	100	200	300	400	500	600	700	800	900	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500
L	610	710	810	910	1010	1110	1210	1310	1410	1510	2010	2510	3010	3510	4010	4510	5010	5510	6010
Weight (KG)	17.17	18.82	20.47	22.12	23.77	25.42	27.07	28.72	30.37	32.02	40.27	48.51	56.76	65.01	73.26	81.5	89.75	98	106.24

● Left-Side Drive Shaft

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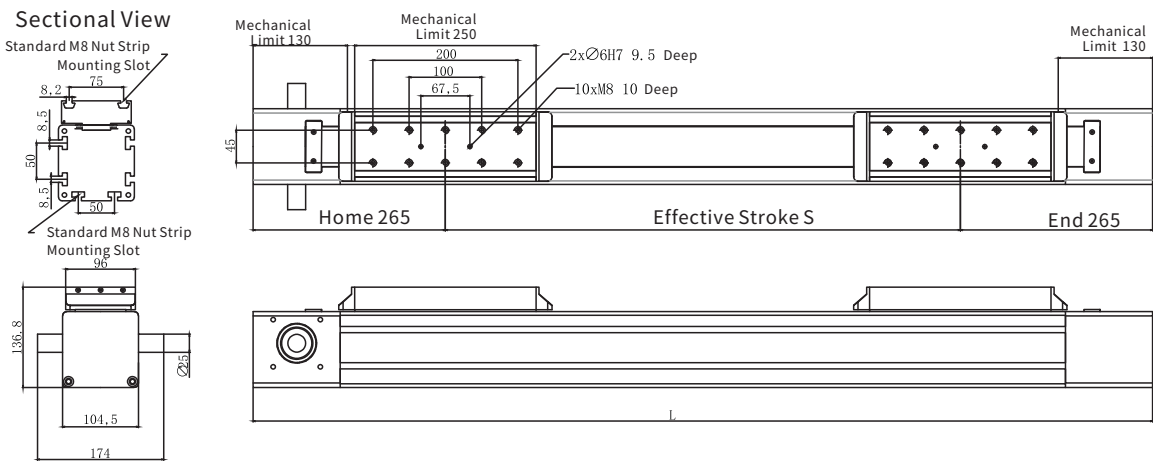
Feed Constant 224

Unit: MM

Effective Stroke	100	200	300	400	500	600	700	800	900	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500
L	610	710	810	910	1010	1110	1210	1310	1410	1510	2010	2510	3010	3510	4010	4510	5010	5510	6010
Weight (KG)	17.17	18.82	20.47	22.12	23.77	25.42	27.07	28.72	30.37	32.02	40.27	48.51	56.76	65.01	73.26	81.5	89.75	98	106.24

● Double-Sided Drive Shaft

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Feed Constant 224

Unit: MM

Effective Stroke	100	200	300	400	500	600	700	800	900	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500
L	610	710	810	910	1010	1110	1210	1310	1410	1510	2010	2510	3010	3510	4010	4510	5010	5510	6010
Weight (KG)	17.17	18.82	20.47	22.12	23.77	25.42	27.07	28.72	30.37	32.02	40.27	48.51	56.76	65.01	73.26	81.5	89.75	98	106.24

● Mounting Base 2D Drawing

