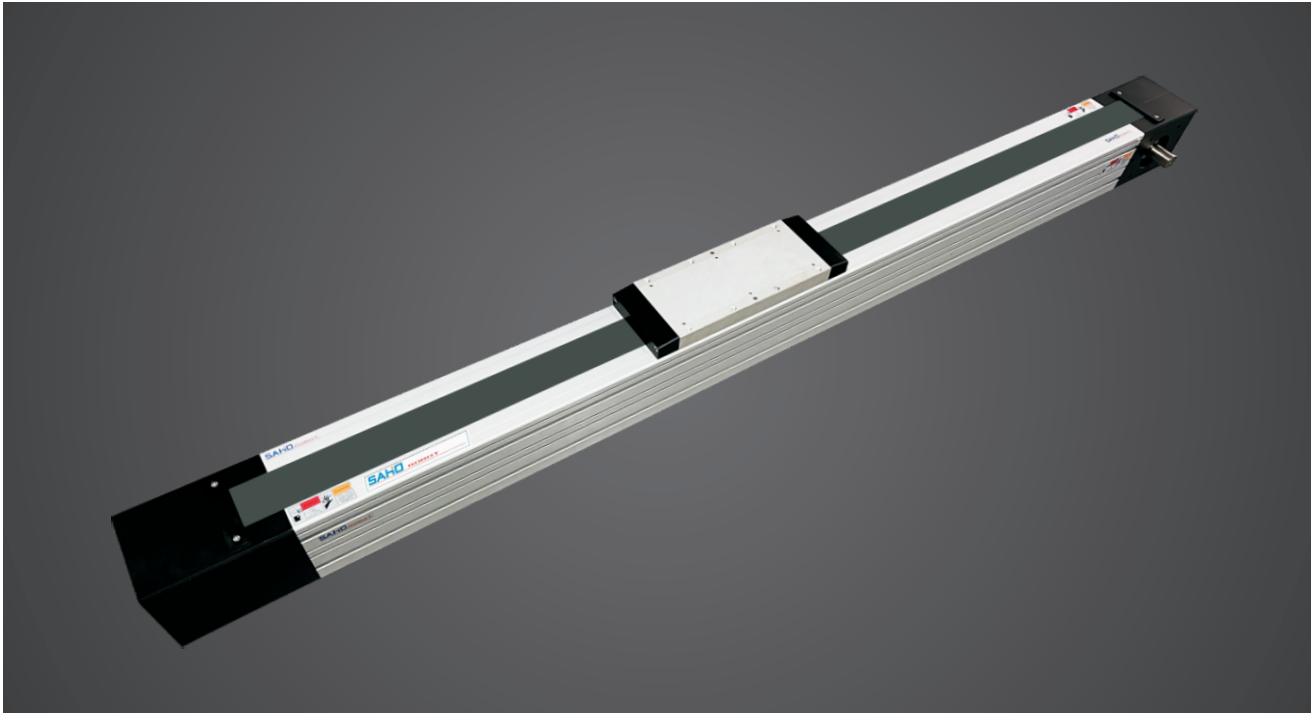


MTG160 Series

▶ European Standard Belt Drive Series



Max. Stroke 15000mm

Max. Speed 4000mm/s

Motor Capacity 3000w

Pitch 434mm

Linear Guide 35*1 - 1 PC

Model Number Designation System

MTG160 - S500 - LK - RK - 750W - BJ

Model

Stroke

Left-Side Drive Shaft

Right-Side Drive Shaft

Servo Motor

Slide Block Length

Custom stroke	1-6000mm
Pitch	

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	1KW
2	1.5KW
3	3KW
H	Stepper motor

BJ	Standard slide block
DJ	Customized slide block

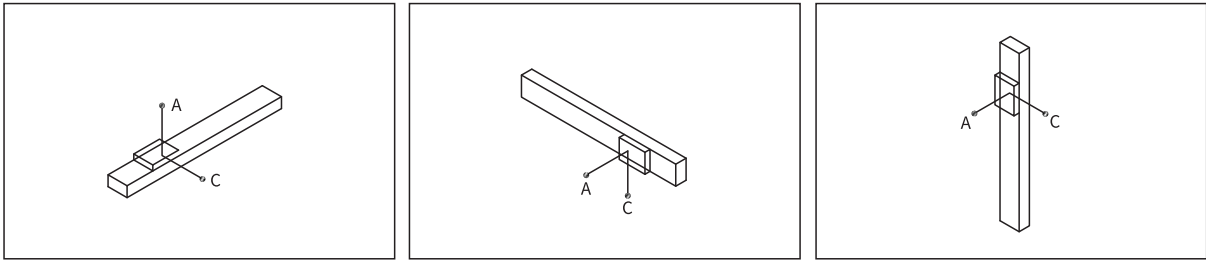
Product Catalog

Basic Specifications

Performance	Position Repetition Precision		±0.05
	Lead (travel distance per pulley revolution)		434mm
	Max. Speed		4 m/s
	Max. Handling Weight	Horizontal Use	2000kg
		Vertical Use	800kg
Components	Standard Stroke		Custom stroke up to 20000mm
	Timing Belt Model		HTD14m
	Timing Belt Width		70mm
	Timing Belt Pitch		14mm
	Max. Working Tension of Timing Belt		15000N
	Home Sensor	External-mounted	FC-SPX303Z(NPN)
			LU672-5NA(NPN)

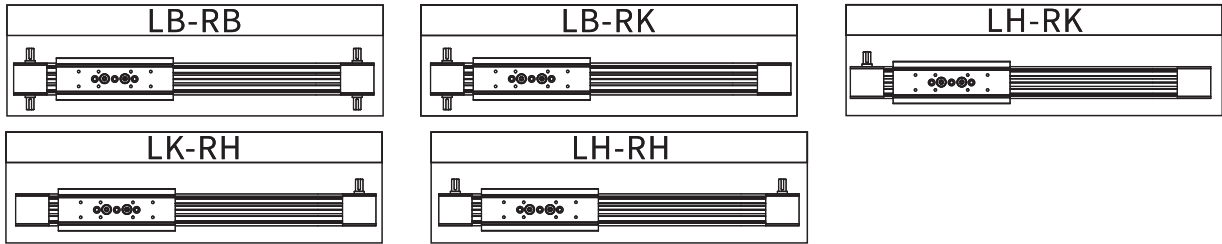
Allowable Load Moment Table

Horizontal Operation



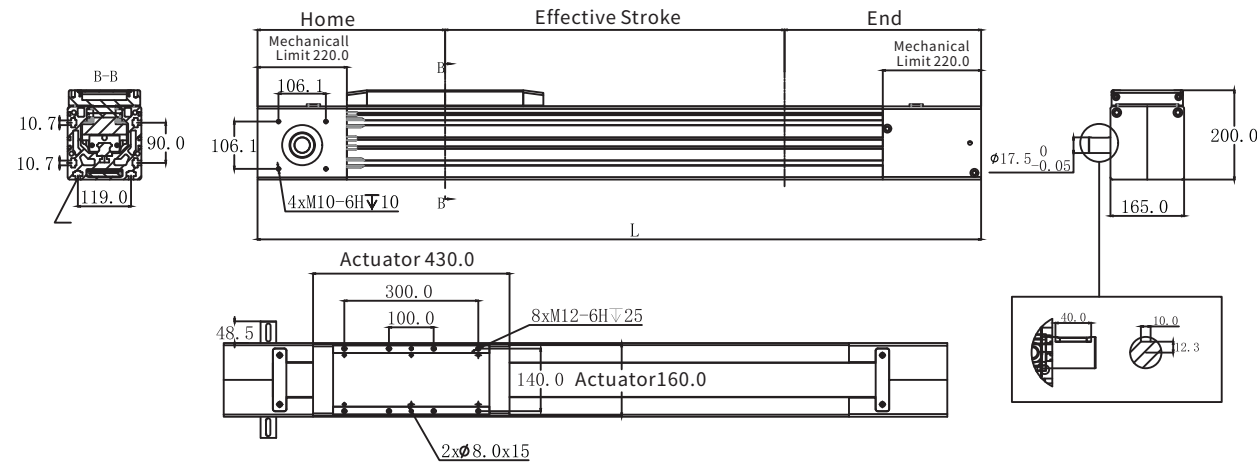
(Unit: mm)			(Unit: mm)			(Unit: mm)		
Horizontal Mounting	A	C	Side Mounting	A	C	Vertical Mounting	A	C
100kg	500	400	50kg	400	500	50kg	300	200
150kg	300	200	80kg	200	300	80kg	150	100
200kg	200	100	150kg	100	200	150kg	75	50

List of Shaft Directions



Right-Side Drive Shaft

• Download CAD drawings at www.dgshihai.com •



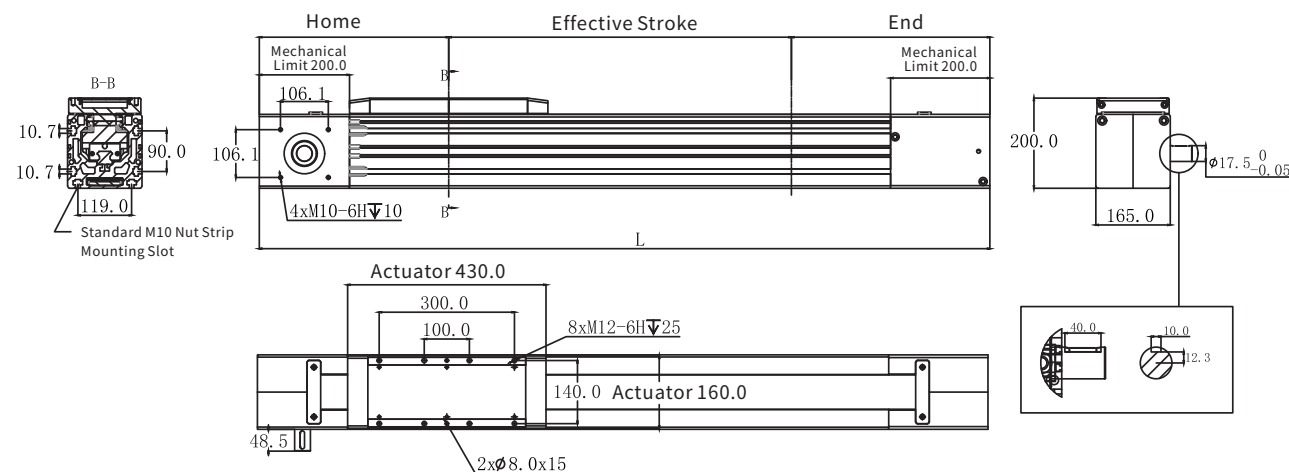
Feed Constant 224

Unit: MM

Effective Stroke	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	2000	2500	3000	3500	4000
L	980	1080	1180	1280	1380	1480	1580	1680	1780	1880	1980	2080	2180	2280	2380	2880	3380	3880	4380	4880
Weight (KG)	62.34	65.91	69.48	73.05	76.62	80.19	83.76	87.33	90.90	94.47	98.04	101.61	105.18	108.75	112.32	130.17	148.02	165.87	183.72	201.57

Left-Side Drive Shaft

• Download CAD drawings at www.dgshihai.com •



Feed Constant 224

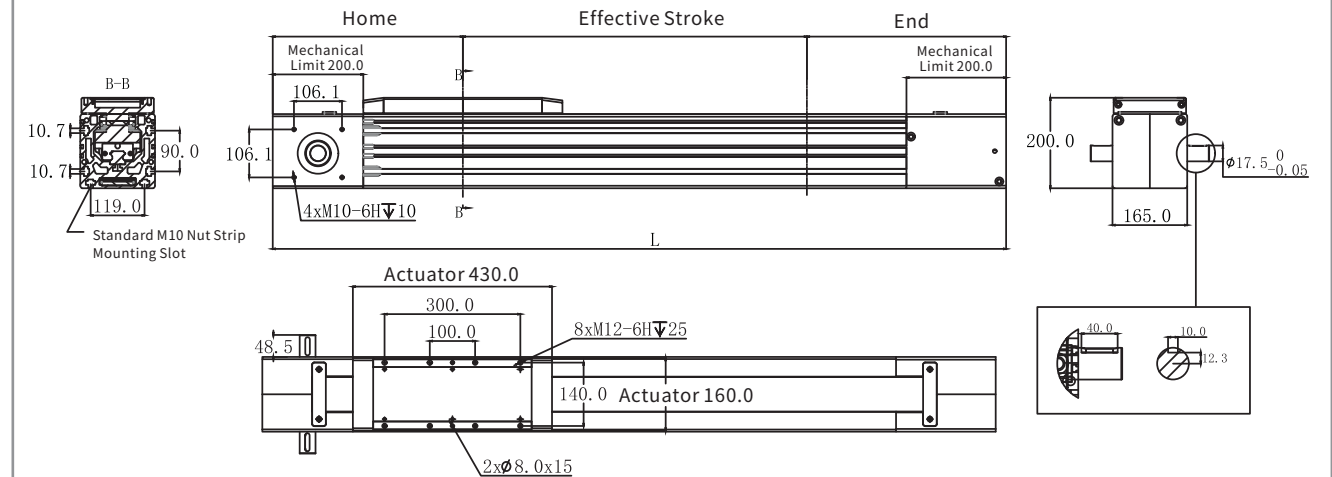
Unit: MM

Effective Stroke	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	2000	2500	3000	3500	4000
L	980	1080	1180	1280	1380	1480	1580	1680	1780	1880	1980	2080	2180	2280	2380	2880	3380	3880	4380	4880
Weight (KG)	62.34	65.91	69.48	73.05	76.62	80.19	83.76	87.33	90.90	94.47	98.04	101.61	105.18	108.75	112.32	130.17	148.02	165.87	183.72	201.57

Product Catalog

Double-Sided 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	1100	1200	1300	1400	1500	2000	2500	3000	3500	4000
L	980	1080	1180	1280	1380	1480	1580	1680	1780	1880	1980	2080	2180	2280	2380	2880	3380	3880	4380	4880
Weight (KG)	62.34	65.91	69.48	73.05	76.62	80.19	83.76	87.33	90.90	94.47	98.04	101.61	105.18	108.75	112.32	130.17	148.02	165.87	183.72	201.57

Mounting Base 2D Drawing

