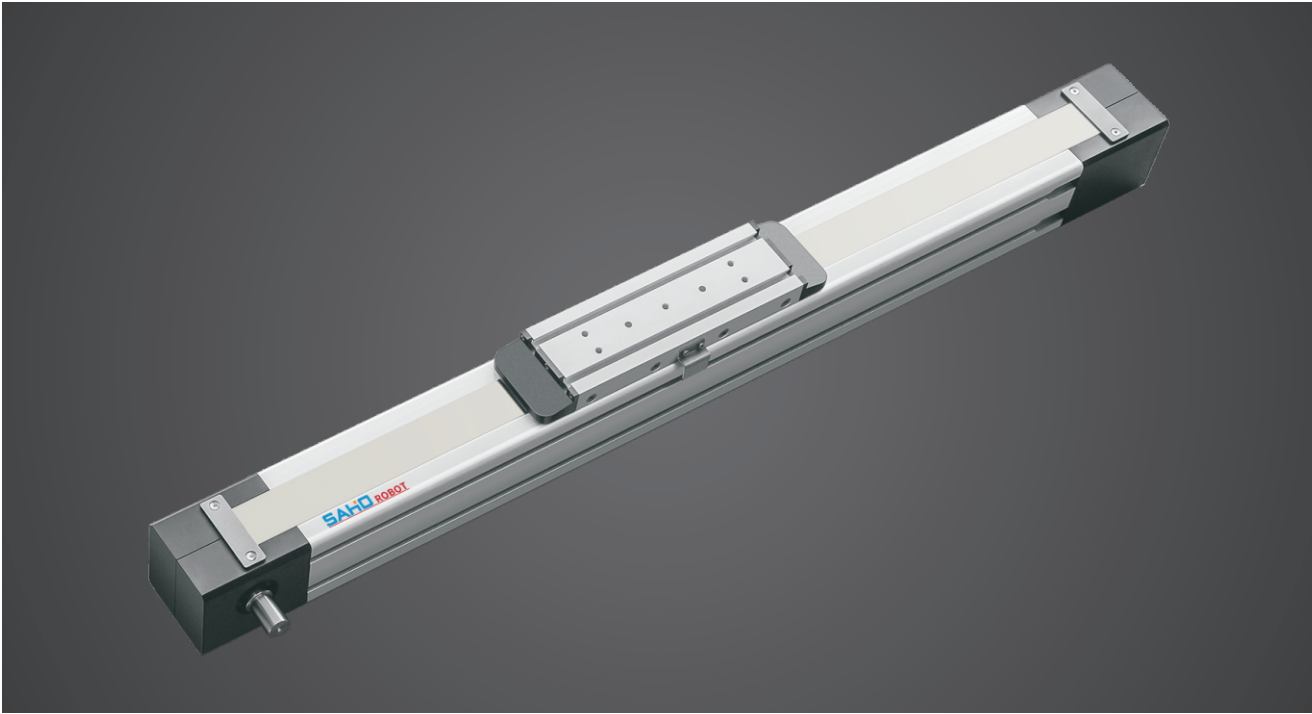




Max. Stroke12000mm

Max. Speed3000mm/s

Motor Capacity750W

Pitch180mm

Linear Guide20*15 - 1 PC

Model Number Designation System

MTG80 - 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	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	400W
2	750W
3	1000W
H	Stepper motor

BJ	Standard slide block
DJ	Customized slide block

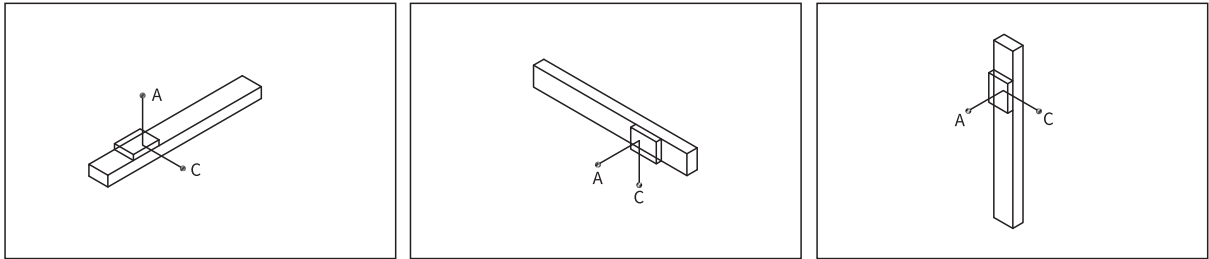
Product Catalog

Basic Specifications

Performance	Position Repetition Precision		±0.05
	Lead (travel distance per pulley revolution)		180mm
	Max. Speed		3 m/s
	Max. Handling Weight	Horizontal Use	100kg
		Vertical Use	80kg
Components	Standard Stroke		Custom stroke up to 10000mm
	Timing Belt Model		HTD5m /AT10
	Timing Belt Width		35mm
	Timing Belt Pitch		5mm
	Max. Working Tension of Timing Belt		1000N
	Home Sensor	External-mounted	FC-SPX303Z(NPN)
			LU672-5NA(NPN)

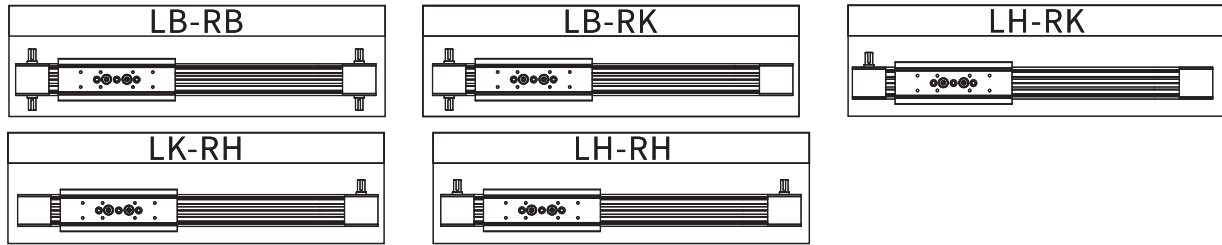
Allowable Load Moment Table

Horizontal Operation



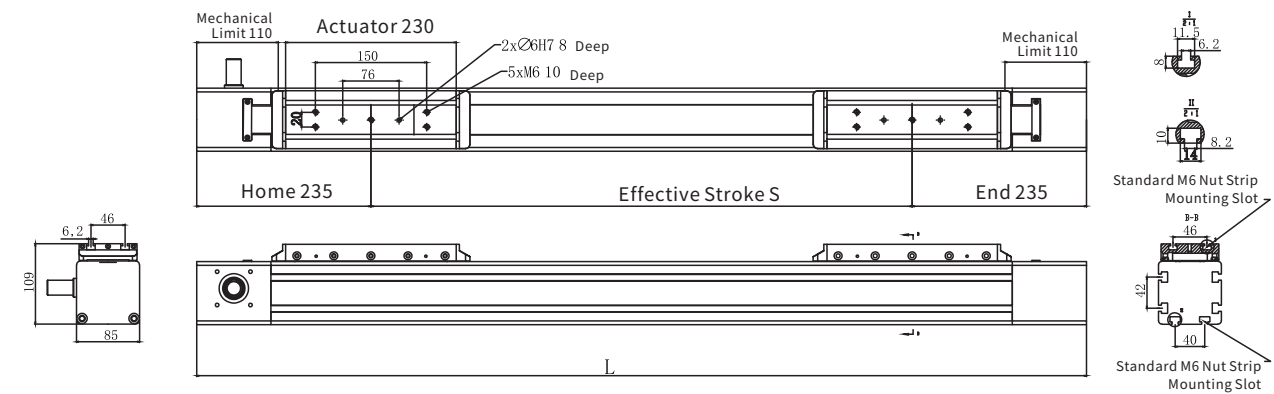
(Unit: mm)			(Unit: mm)			(Unit: mm)		
Horizontal Mounting	A	C	Side Mounting	A	C	Vertical Mounting	A	C
40kg	500	400	30kg	400	500	30kg	300	200
50kg	300	200	50kg	200	300	50kg	150	100
80kg	200	100	80kg	100	200	80kg	75	50

List of Shaft Directions



Right-Side Drive Shaft

• Download CAD drawings at www.dgshihai.com •

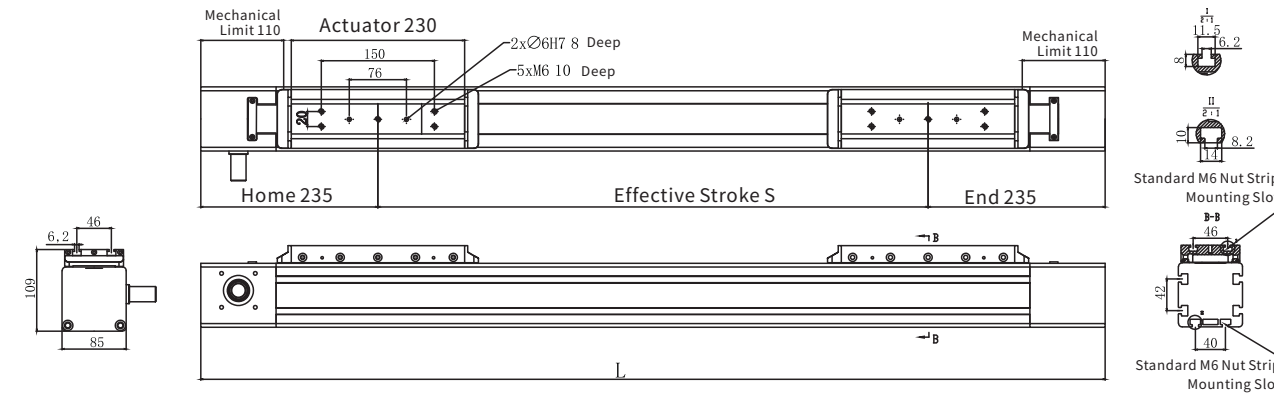


Feed Constant 180 Unit: MM

Effective Stroke	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	2000	2500	3000	3500	4000
L	550	650	750	850	950	1050	1150	1250	1350	1450	1550	1650	1750	1850	1950	2450	2950	3450	3950	4450
Weight(KG)	9.12	10.09	11.07	12.04	13.02	14	14.97	15.95	16.92	17.9	18.88	19.85	20.83	21.8	22.78	27.66	32.54	37.42	42.3	47.18

Left-Side Drive Shaft

• Download CAD drawings at www.dgshihai.com •



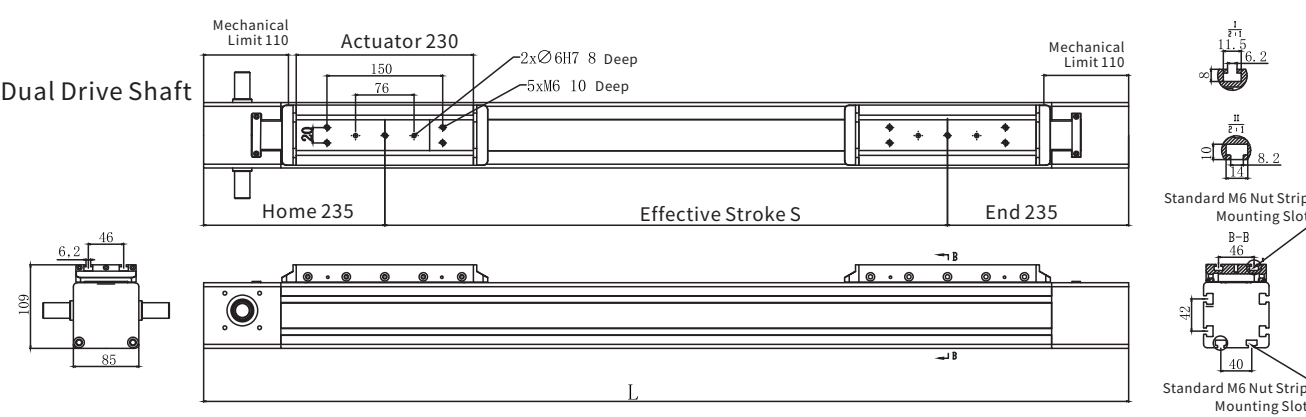
Feed Constant 180 Unit: MM

Effective Stroke	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	2000	2500	3000	3500	4000
L	550	650	750	850	950	1050	1150	1250	1350	1450	1550	1650	1750	1850	1950	2450	2950	3450	3950	4450
Weight(KG)	9.12	10.09	11.07	12.04	13.02	14	14.97	15.95	16.92	17.9	18.88	19.85	20.83	21.8	22.78	27.66	32.54	37.42	42.3	47.18

Product Catalog

Double-Sided Drive Shaft

• Download CAD drawings at www.dgshihai.com •



Feed Constant 180 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	550	650	750	850	950	1050	1150	1250	1350	1450	1550	1650	1750	1850	1950	2450	2950	3450	3950	4450
Weight(KG)	9.12	10.09	11.07	12.04	13.02	14	14.97	15.95	16.92	17.9	18.88	19.85	20.83	21.8	22.78	27.66	32.54	37.42	42.3	47.18

Mounting Base 2D Drawing

