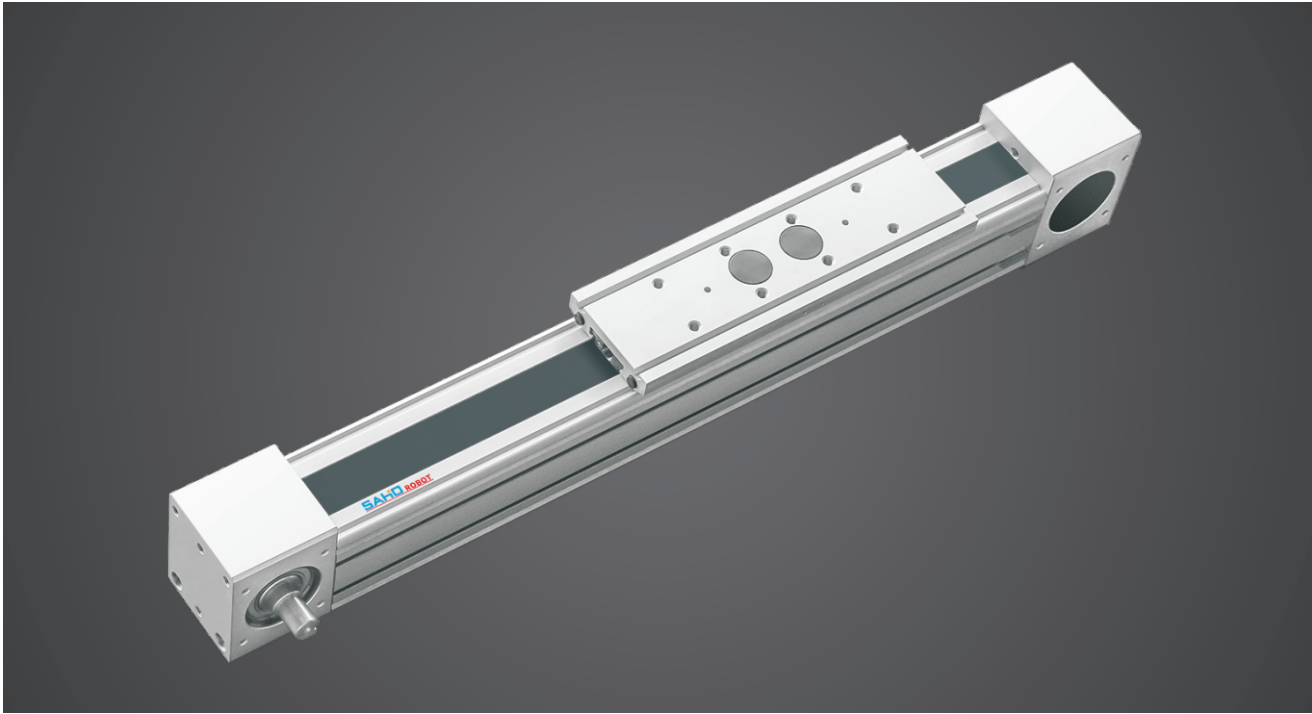




Max. Stroke10m

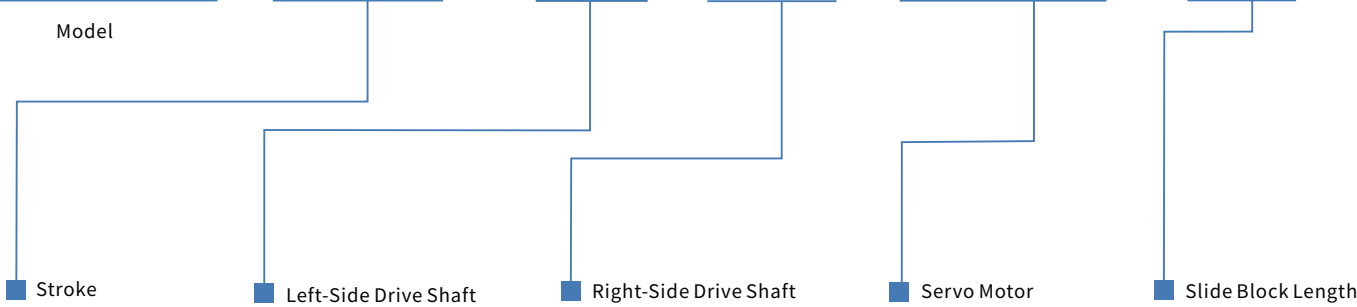
Max. Speed8000mm/s

Motor Capacity750W

Pitch176mm

Model Number Designation System

TA80 - S500 - LK - RK - 750W - BJ



Custom stroke	1-10m
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
H	Stepper motor

BJ	Standard slide block
DJ	Customized slide block

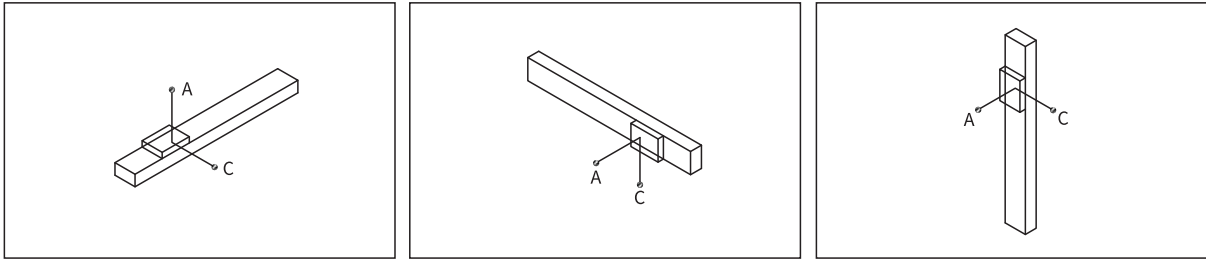
Product Catalog

Basic Specifications

Performance	Position Repetition Precision		± 0.05
	Lead (travel distance per pulley revolution)		176mm
	Max. Speed		10m/s
	Max. Handling Weight	Horizontal Use	120kg
		Vertical Use	100kg
Components	Standard Stroke		Custom stroke up to 10000mm
	Timing Belt Model		HTD8m
	Timing Belt Width		42mm
	Timing Belt Pitch		8mm
	Max. Working Tension of Timing Belt		1200N
	Home Sensor	External-mounted	FC-SPX303Z(NPN)
			LU672-5NA(NPN)

Allowable Load Moment Table

Horizontal Operation

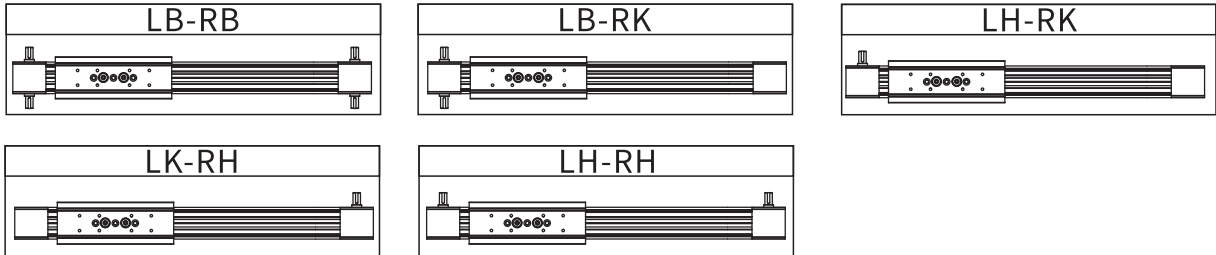


(Unit: mm)		
Horizontal Mounting	A	C
40kg	150	300
80kg	100	200
120kg	50	100

(Unit: mm)		
Side Mounting	A	C
40kg	300	150
60kg	200	100
100kg	100	50

(Unit: mm)		
Vertical Mounting	A	C
40kg	300	150
60kg	200	100
100kg	100	50

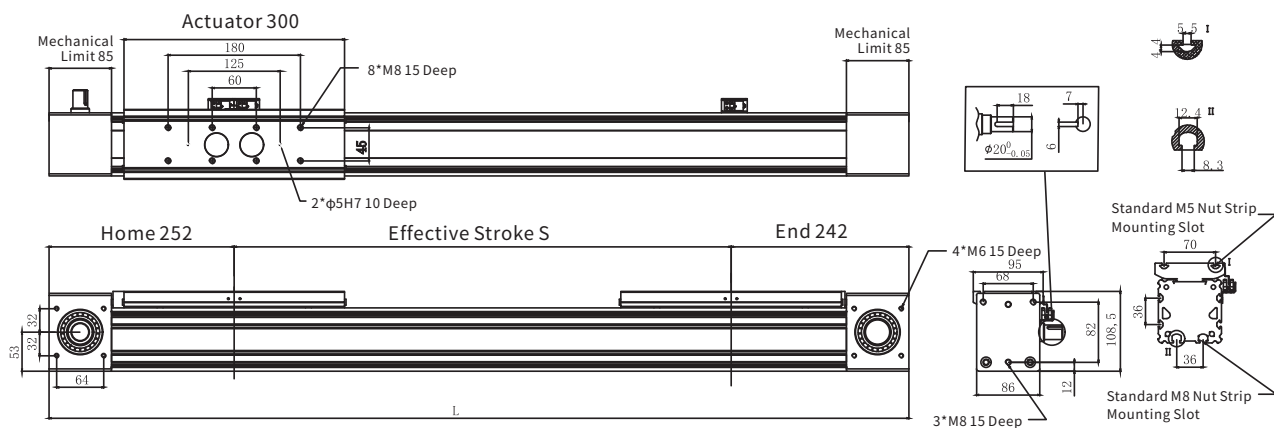
List of Shaft Directions



Product Catalog

Right-Side Drive Shaft

• Download CAD drawings at www.dgshihai.com •



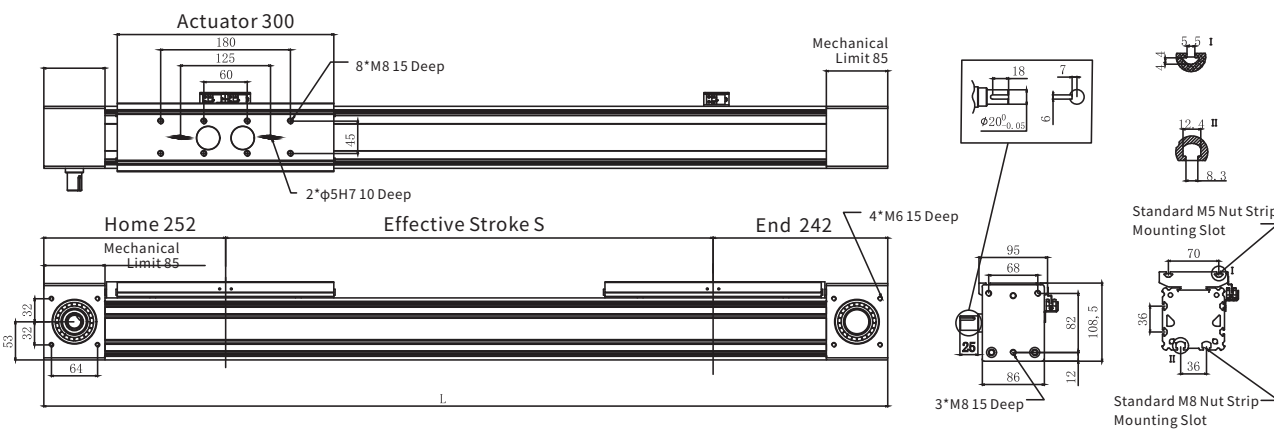
Feed Constant 176

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	594	694	794	894	994	1094	1194	1294	1394	1494	1594	1694	1794	1894	1994	2494	2994	3494	3994	4494
Weight (KG)	13.13	14.25	15.38	16.51	17.63	18.76	19.88	21.01	22.14	23.26	24.39	25.51	26.64	27.77	28.98	34.52	40.15	45.78	51.41	57.04

Left-Side Drive Shaft

• Download CAD drawings at www.dgshihai.com •



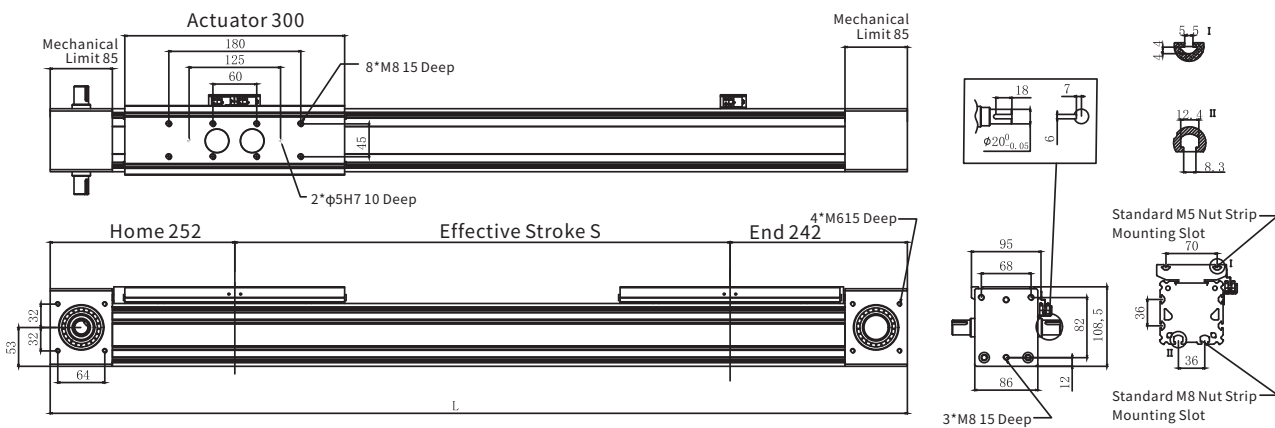
Feed Constant 176

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	594	694	794	894	994	1094	1194	1294	1394	1494	1594	1694	1794	1894	1994	2494	2994	3494	3994	4494
Weight (KG)	13.13	14.25	15.38	16.51	17.63	18.76	19.88	21.01	22.14	23.26	24.39	25.51	26.64	27.77	28.98	34.52	40.15	45.78	51.41	57.04

Double-Sided Drive Shaft

• Download CAD drawings at www.dgshihai.com •



Feed Constant 176

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	594	694	794	894	994	1094	1194	1294	1394	1494	1594	1694	1794	1894	1994	2494	2994	3494	3994	4494
Weight (KG)	13.13	14.25	15.38	16.51	17.63	18.76	19.88	21.01	22.14	23.26	24.39	25.51	26.64	27.77	28.98	34.52	40.15	45.78	51.41	57.04

Mounting Base 2D Drawing

