



Max. Stroke 4000mm

Max. Speed 2000 mm/s

Motor Capacity 750W

Belt Width 25MM

Linear Guide Rail 15*7.5-2 PCS

Model Number Designation System

STM136 - T - P100 - S500 - L - 400W - BJ

Model

Belt Type

- T PU belt with steel cord reinforcement
- X Rubber belt

Lead

- 100mm

Stroke

- 100-4000mm
- 50mm pitch

Motor Connection Type

- L Motor on left side
- LU Motor on upper left side
- LD Motor on lower left side
- R Motor on right side
- RU Motor on upper right side
- RD Motor on lower right side

Servo Motor

- 1 400W
- 2 750W
- H Stepper motor

Slide Block Length

- BJ Standard slide block
- DJ Customized slide block

Product Catalog

Basic Specifications

Performance	Position Repetition Precision		±0.04
	Lead		100
	Max. Speed		2000
	Max. Handling Weight	Horizontal Use	60
		Vertical Use	50

Components	Standard Stroke		100-4000mm/50mm pitch
	AC Servo Motor Capacity		750
	Belt Width		25 (5M pitch)
	High-rigidity Linear Guide		15×12.5
	Home Sensor	External-mounted	FC-SPX307Z(NPN)

Allowable Load Moment Table

(Unit: mm)

Horizontal Mounting	A	C
30kg	800	600
40kg	700	500
60kg	600	400

(Unit: mm)

Side Mounting	A	C
35kg	500	800
50kg	400	600
-	-	-

(Unit: mm)

Vertical Mounting	A	C
35kg	500	500
50kg	300	300
-	-	-

Horizontal Operation (Unit: N.m)

MY	750(N.m)
MP	750(N.m)
MR	680(N.m)

Download CAD drawings at www.dgshihai.com

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	430	530	630	730	830	930	1030	1130	1230	1330	1430	1530	1630	1730	1830	2330	2830	3330	3830	4330
C	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144
N	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Weight (KG)	7.77	8.8	9.86	109	11.9	12.9	13.9	14.9	15.9	16.9	17.9	18.9	19.9	20.9	21.9	26.9	31.9	36.9	41.9	46.9