



Max. Stroke 2000mm

Max. Speed 2000 mm/s

Motor Capacity 400 W

Belt Width 20MM

LinearGuideRail 12*7.5-2 PCS

Model Number Designation System

STM100- T - P90 - S500 - L - 200W - BJ

Model

Belt Type

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

Lead

- 90mm

Stroke

- 100-2000mm
- 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 200W
- 2 400W
- 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		90	
	Max. Speed		2000	
	Max. Handling Weight	Horizontal Use	25	
		Vertical Use	25	

Components	Standard Stroke		100-2000mm/50mm pitch	
	AC Servo Motor Capacity		400	
	Belt Width		20 (3M pitch)	
	High-rigidity Linear Guide		12×7.5	
	Home Sensor	External-mounted	FC-SPX303Z(NPN)	

Allowable Load Moment Table																
			(Unit: mm)													
<table> <tr> <th>Horizontal Mounting</th> <th>A</th> <th>C</th> </tr> <tr> <td>10KG</td> <td>500</td> <td>400</td> </tr> <tr> <td>20KG</td> <td>300</td> <td>200</td> </tr> <tr> <td>25KG</td> <td>200</td> <td>100</td> </tr> </table>			Horizontal Mounting	A	C	10KG	500	400	20KG	300	200	25KG	200	100		
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-	-	-														
			Horizontal Operation (Unit: N.m)													
			MY	551(N.m)												
			MP	552(N.m)												
			MR	485(N.m)												

Mechanical Limit 103, Actuator 90, Mechanical Limit 60, Home 163, Effective Stroke S, End 110, 4*M5 12 Deep, 2*Φ5H7 10 Deep

Download CAD drawings at www.dgshihai.com

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

Unit: MM

Effective Stroke	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
L	373	473	573	673	773	873	973	1073	1173	1273	1373	1473	1573	1673	1773	1873	1973	2073	2173	2273
C	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97
N	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Weight (KG)	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14	14.7	15.4	16.1	16.8	17.5