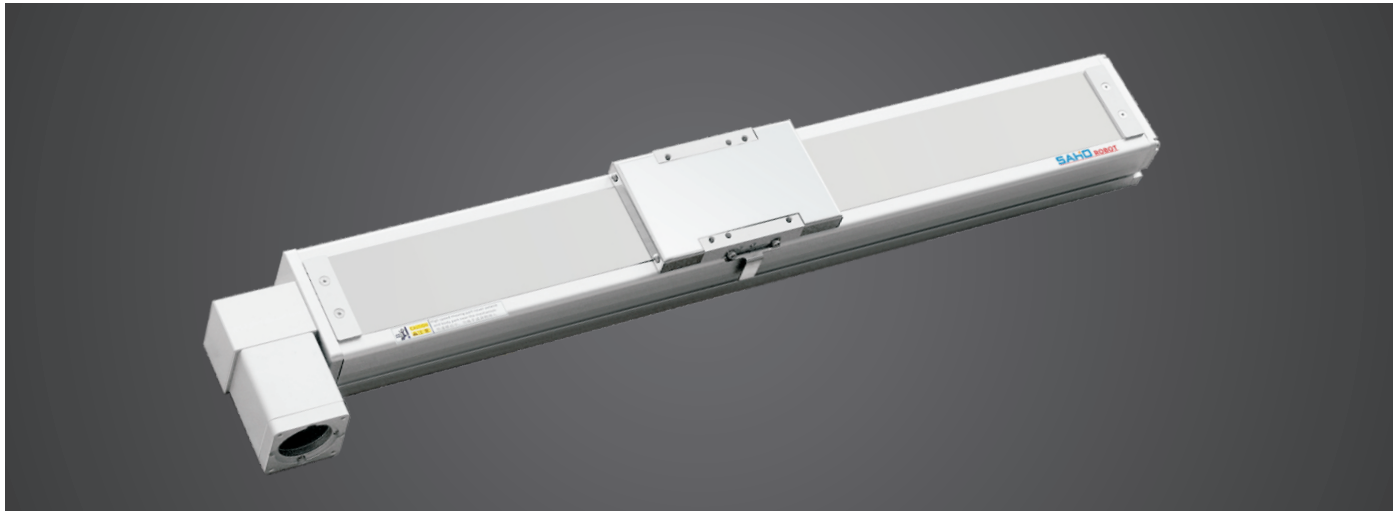


MSTM100 Series

► Belt Drive Actuators / Clean Room



Max. Stroke 2000mm Max. Speed 2000mm/s Motor Capacity 400W Belt Width 20MM LinearGuideRail 12*7.5-2 PCS

Model Number Designation System

MSTM100 - T - P90 - S500 - R - 200W - BJ

Model	Belt Type	Lead	Stroke	Motor Position	Servo Motor	Slide Block Length
T	PU steel wire belt	90mm	100-2000mm 50mm pitch	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	1 200W 2 400W H Stepper motor	BJ Standard slide block DJ Customized slide block
X	Rubber belt					

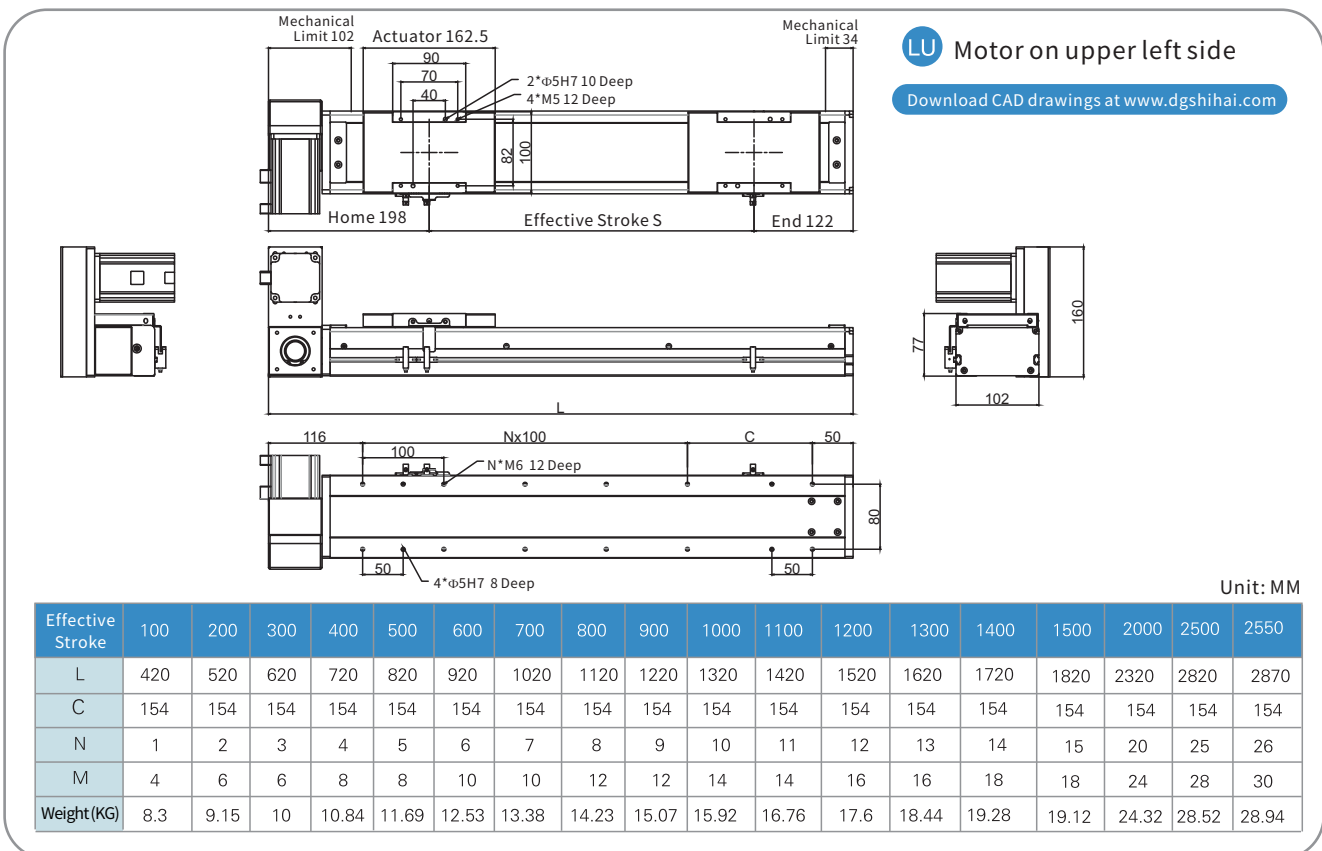
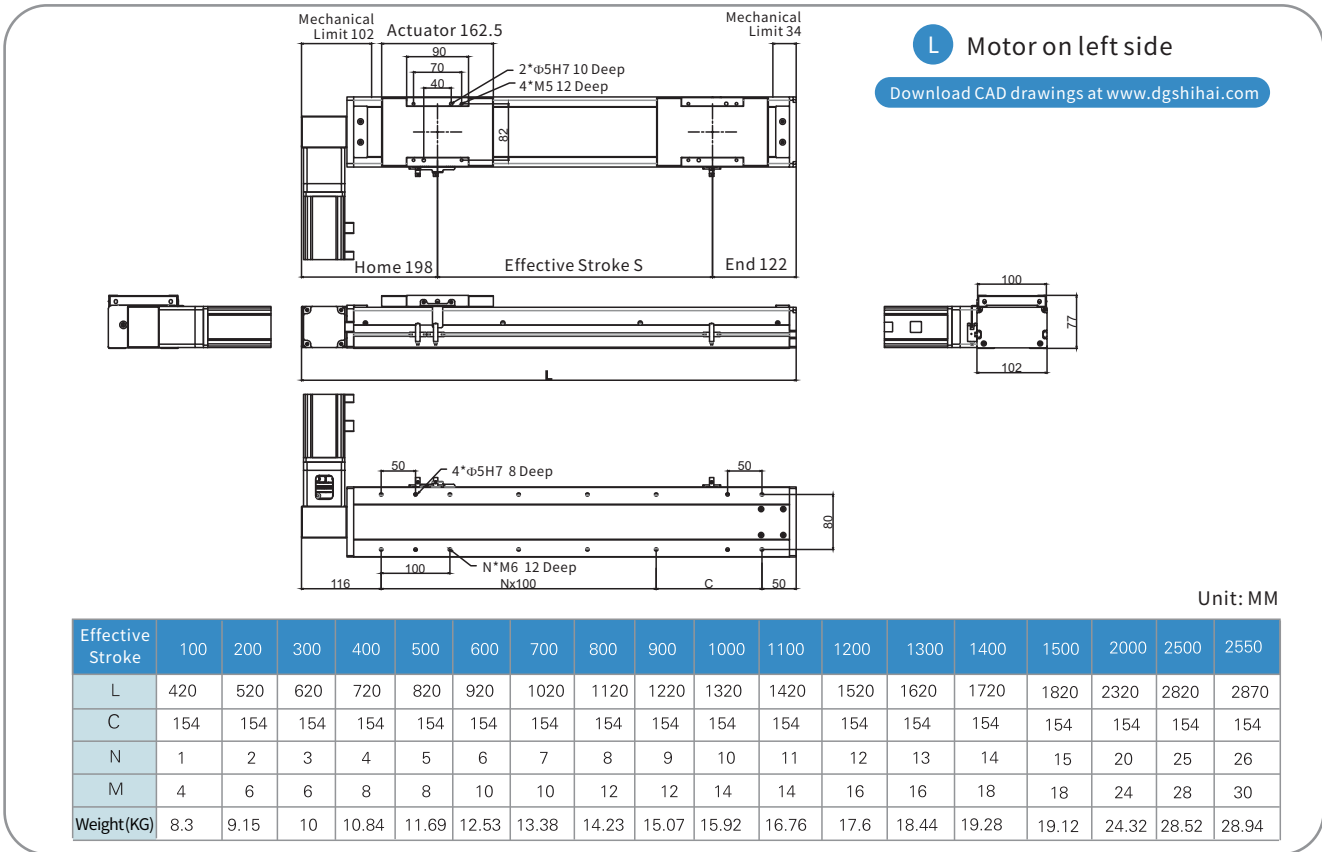
Basic Specifications

Performance	Position Repetition Precision		±0.04	
	Lead		90	
	Max. Speed		2000	
	Max. Handling Weight	Horizontal Use	25	
		Vertical Use	10	
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-SPX307Z(NPN)	

Allowable Load Moment Table

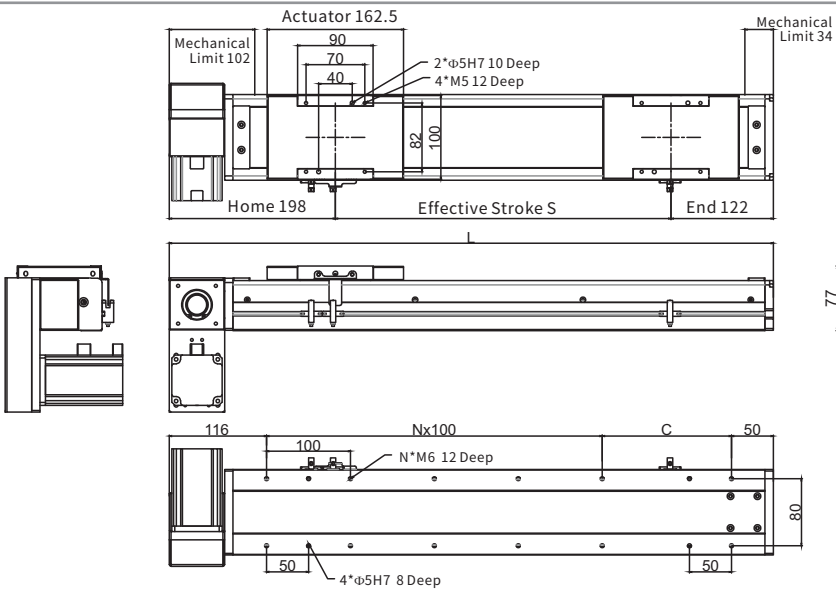
Horizontal Operation

Horizontal Mounting (Unit: mm)			Side Mounting (Unit: mm)			Vertical Mounting (Unit: mm)			Horizontal Operation (Unit: N.m)		
A	C	Weight	A	C	Weight	A	C	Weight	MY	MP	MR
500	400	15kg	500	600	15kg	500	500	10KG	551	552	485
300	200	30kg	300	500	30kg	300	300	25kg			
200	100	35kg	200	400	35kg	-	-	-			



MSTM100 Series

► Belt Drive Actuators / Clean Room

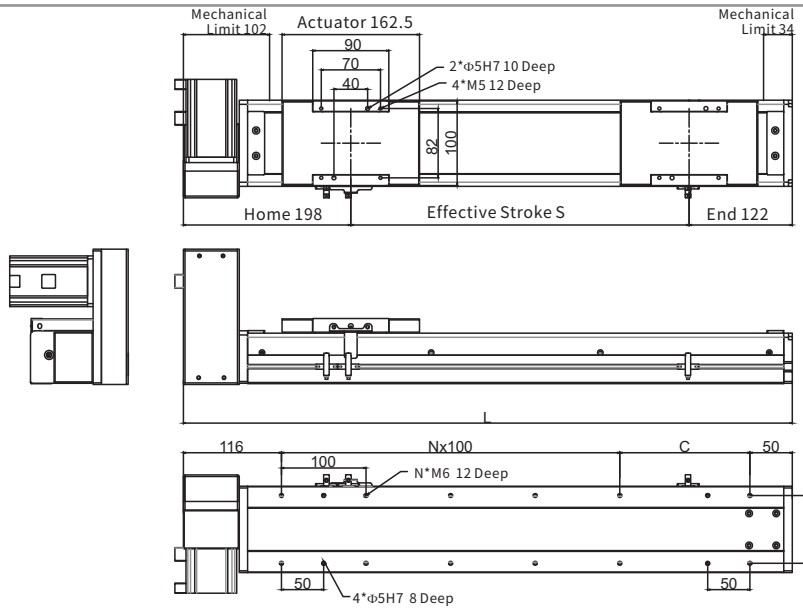


LD Motor on lower left side

Download CAD drawings at www.dgshihai.com

Effective Stroke	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	2000	2500	2550
L	420	520	620	720	820	920	1020	1120	1220	1320	1420	1520	1620	1720	1820	2320	2820	2870
C	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154
N	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	20	25	26
M	4	6	6	8	8	10	10	12	12	14	14	16	16	18	18	24	28	30
Weight(KG)	8.3	9.15	10	10.84	11.69	12.53	13.38	14.23	15.07	15.92	16.76	17.6	18.44	19.28	19.12	24.32	28.52	28.94

Unit: MM

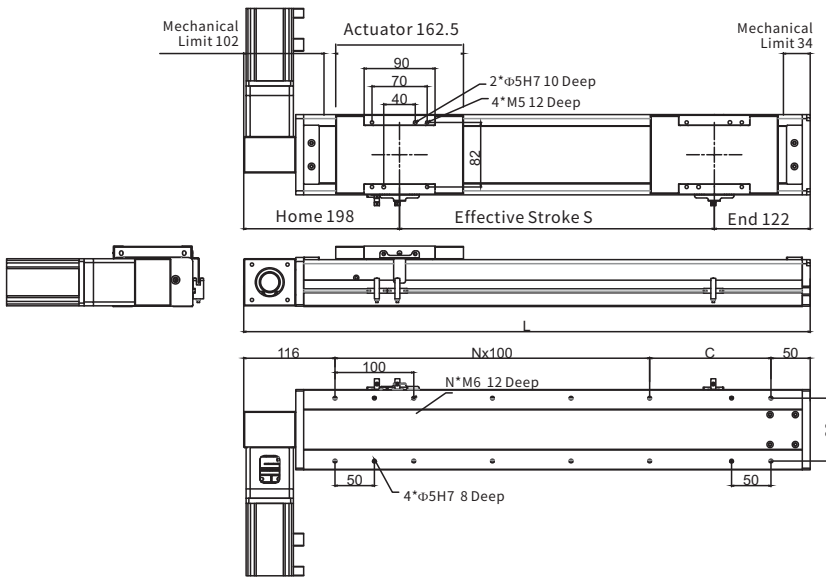


RU Motor on upper right side

Download CAD drawings at www.dgshihai.com

Effective Stroke	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	2000	2500	2550
L	420	520	620	720	820	920	1020	1120	1220	1320	1420	1520	1620	1720	1820	2320	2820	2870
C	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154
N	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	20	25	26
M	4	6	6	8	8	10	10	12	12	14	14	16	16	18	18	24	28	30
Weight(KG)	8.3	9.15	10	10.84	11.69	12.53	13.38	14.23	15.07	15.92	16.76	17.6	18.44	19.28	19.12	24.32	28.52	28.94

Unit: MM

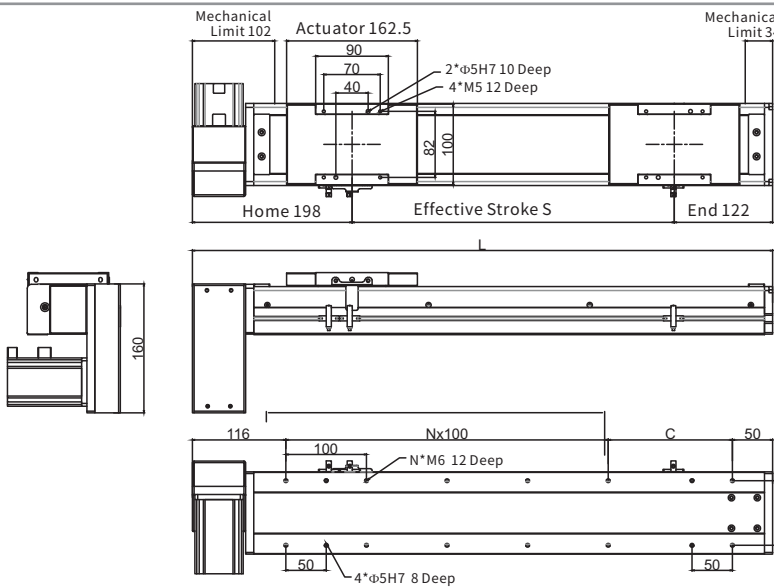


R Motor on right side

Download CAD drawings at www.dgshihai.com

Effective Stroke	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	2000	2500	2550
L	420	520	620	720	820	920	1020	1120	1220	1320	1420	1520	1620	1720	1820	2320	2820	2870
C	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154
N	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	20	25	26
M	4	6	6	8	8	10	10	12	12	14	14	16	16	18	18	24	28	30
Weight(KG)	8.3	9.15	10	10.84	11.69	12.53	13.38	14.23	15.07	15.92	16.76	17.6	18.44	19.28	19.12	24.32	28.52	28.94

Unit: MM



RD Motor on lower right side

Download CAD drawings at www.dgshihai.com

Effective Stroke	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	2000	2500	2550
L	420	520	620	720	820	920	1020	1120	1220	1320	1420	1520	1620	1720	1820	2320	2820	2870
C	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154
N	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	20	25	26
M	4	6	6	8	8	10	10	12	12	14	14	16	16	18	18	24	28	30
Weight(KG)	8.3	9.15	10	10.84	11.69	12.53	13.38	14.23	15.07	15.92	16.76	17.6	18.44	19.28	19.12	24.32	28.52	28.94

Unit: MM