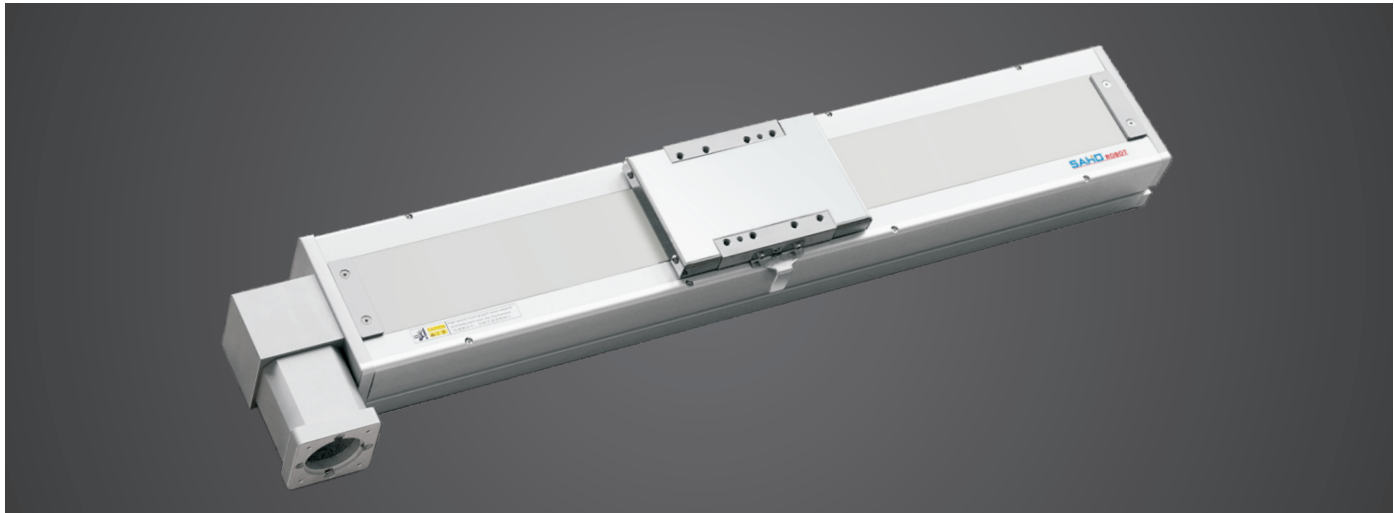


MSTM136

Series

Belt Drive Actuators / Clean Room



Max. Stroke 4500mm

Max. Speed 2000mm/s

MotorCapacity 750W

Belt Width 25MM

LinearGuideRail 15*12.5-2 PCS

型號表示方式 Ordering Method

MSTM136 - T - P100 - S500 - R - 400W - BJ

Model

Belt Type
T PU steel wire belt
X Rubber belt

Lead
100mm

Stroke
100-4000mm
50mm pitch

Motor Position
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

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

Horizontal Operation

(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
-	-	-

(Unit: N.m)

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

L Motor on 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	1600	1700	1800	1900	2000
L	456	556	656	756	856	956	1056	1156	1256	1356	1456	1556	1656	1756	1856	1956	2056	2156	2256	2356
C	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74
N	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
M	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46
Weight(KG)	11.6	12.5	13.5	14.4	15.4	16.4	17.4	18.4	19.4	20.3	21.5	22.7	23.9	25.1	26.3	27.5	28.7	29.9	31.1	32.3

LU Motor on upper left side
Download CAD drawings at www.dgshihai.com

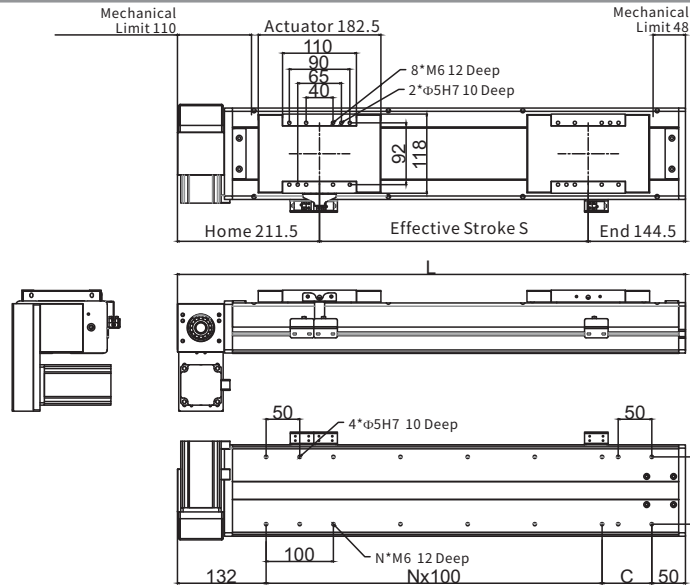
Effective Stroke	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
L	456	556	656	756	856	956	1056	1156	1256	1356	1456	1556	1656	1756	1856	1956	2056	2156	2256	2356
C	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74
N	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
M	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46
Weight(KG)	11.6	12.5	13.5	14.4	15.4	16.4	17.4	18.4	19.4	20.3	21.5	22.7	23.9	25.1	26.3	27.5	28.7	29.9	31.1	32.3

MSTM136 Series

▶ Belt Drive Actuators / Clean Room

LD Motor on lower left side

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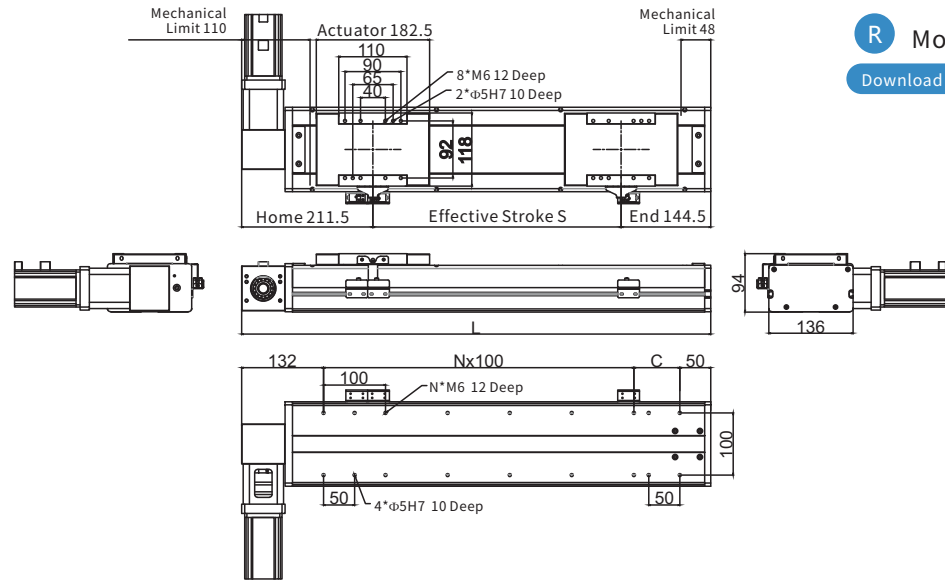


Unit: MM

Effective Stroke	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
L	456	556	656	756	856	956	1056	1156	1256	1356	1456	1556	1656	1756	1856	1956	2056	2156	2256	2356
C	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74
N	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
M	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46
Weight(KG)	11.6	12.5	13.5	14.4	15.4	16.4	17.4	18.4	19.4	20.3	21.5	22.7	23.9	25.1	26.3	27.5	28.7	29.9	31.1	32.3

R Motor on right side

Download CAD drawings at www.dgshihai.com

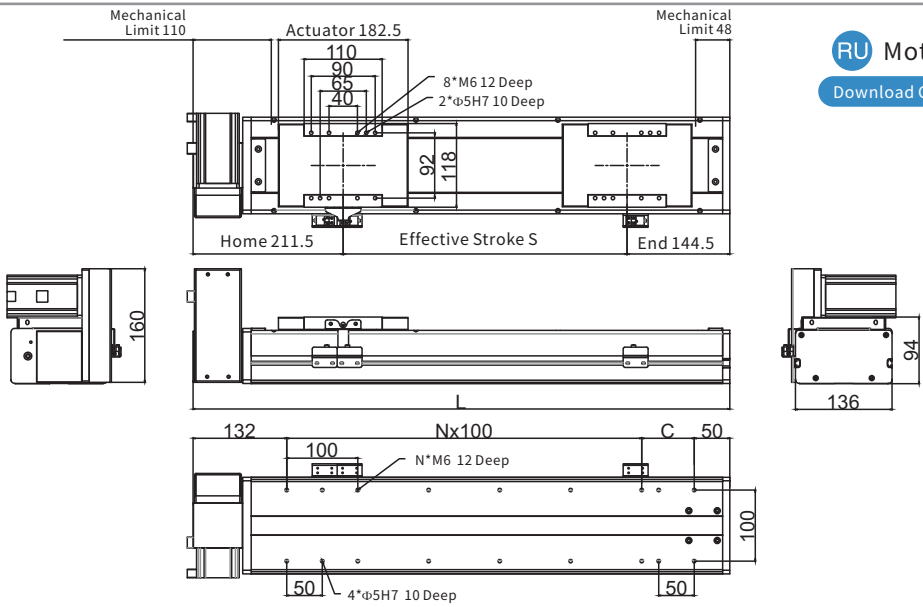


Unit: MM

Effective Stroke	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
L	456	556	656	756	856	956	1056	1156	1256	1356	1456	1556	1656	1756	1856	1956	2056	2156	2256	2356
C	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74
N	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
M	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46
Weight(KG)	11.6	12.5	13.5	14.4	15.4	16.4	17.4	18.4	19.4	20.3	21.5	22.7	23.9	25.1	26.3	27.5	28.7	29.9	31.1	32.3

RU Motor on upper right side

Download CAD drawings at www.dgshihai.com

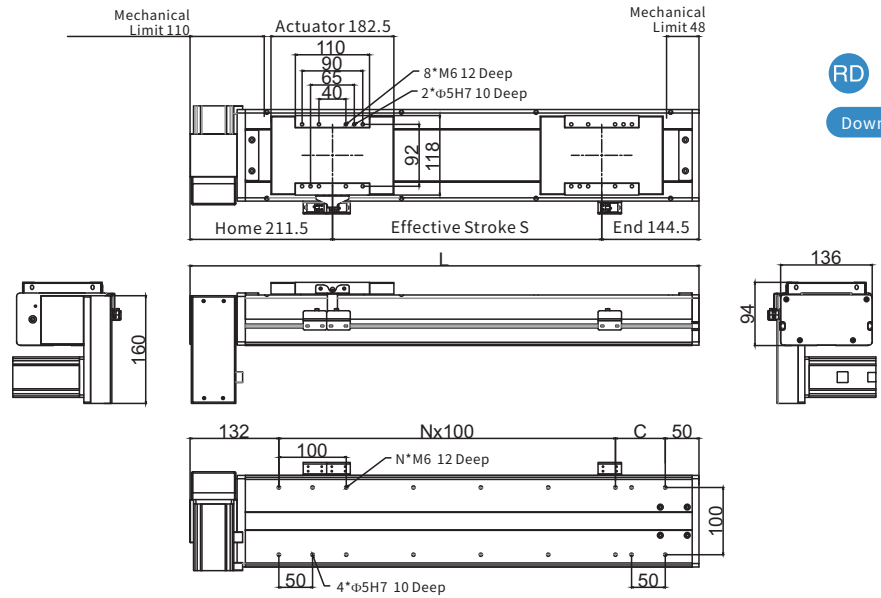


Unit: MM

Effective Stroke	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
L	456	556	656	756	856	956	1056	1156	1256	1356	1456	1556	1656	1756	1856	1956	2056	2156	2256	2356
C	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74
N	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
M	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46
Weight(KG)	11.6	12.5	13.5	14.4	15.4	16.4	17.4	18.4	19.4	20.3	21.5	22.7	23.9	25.1	26.3	27.5	28.7	29.9	31.1	32.3

RD Motor on lower right side

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	1600	1700	1800	1900	2000
L	456	556	656	756	856	956	1056	1156	1256	1356	1456	1556	1656	1756	1856	1956	2056	2156	2256	2356
C	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74
N	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
M	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46
Weight(KG)	11.6	12.5	13.5	14.4	15.4	16.4	17.4	18.4	19.4	20.3	21.5	22.7	23.9	25.1	26.3	27.5	28.7	29.9	31.1	32.3