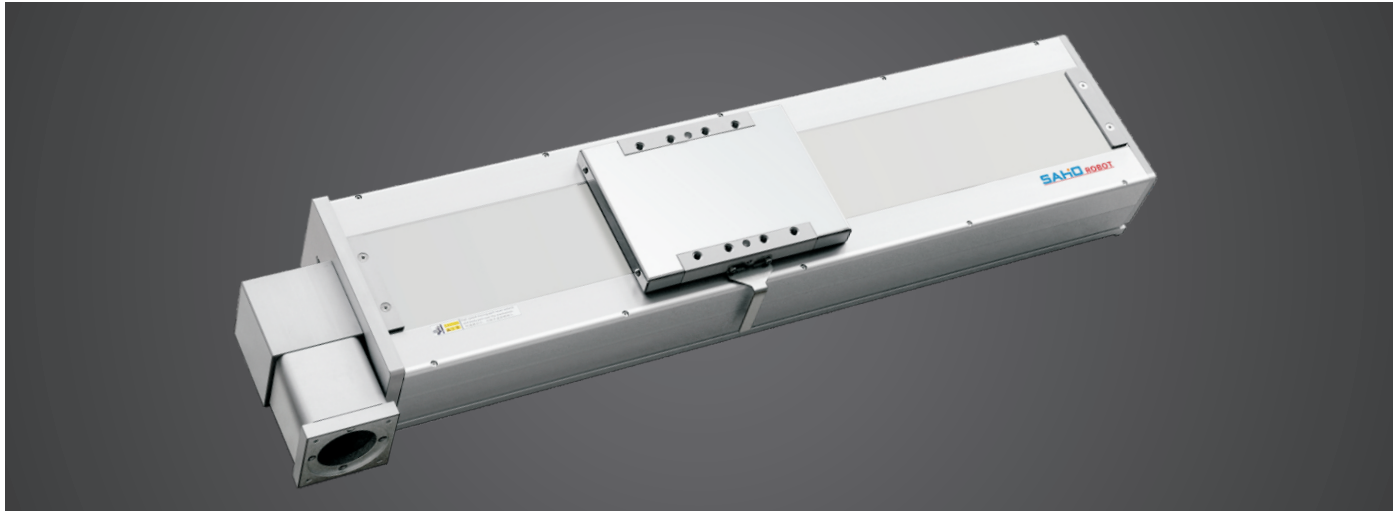


MSTM210 Series

► Belt Drive Actuators / Clean Room



Max. Stroke 4050mm

Max. Speed 2000mm/s

Motor Capacity 1000W

Belt Width 30MM

Linear Guide Rail 20*15-2 PCS

型號表示方式 Ordering Method

MSTM210 - T - P176 - S500 - R - 750W - BJ

Model

Belt Type

Lead

Stroke

Motor Position

Servo Motor

Slide Block Length

T

PU steel wire belt

X

Rubber belt

176mm

100-4000mm
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

750W

2

1000W

H

Stepper motor

B

With brake

BJ

Standard slide block

DJ

Customized slide block

Basic Specifications

Performance	Position Repetition Precision		±0.04
	Lead		176
	Max. Speed		2000
	Max. Handling Weight	Horizontal Use	200
		Vertical Use	100

Components	Standard Stroke		100~4050mm/50mm pitch
	AC Servo Motor Capacity		1000
	Belt Width		42 (8M pitch)
	High-rigidity Linear Guide		20×15
	Home Sensor	External-mounted	FC-SPX307Z(NPN)

Allowable Load Moment Table

(Unit: mm)

Horizontal Mounting	A	C
80kg	800	600
120kg	700	500
150kg	600	400

(Unit: mm)

Side Mounting	A	C
70kg	600	800
80kg	500	700
150kg	400	600

(Unit: mm)

Vertical Mounting	A	C
100kg	700	500
150kg	400	300
-	-	-

(Unit: N.m)

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

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	2100	2200
L	578	678	778	878	978	1078	1178	1278	1378	1478	1578	1678	1778	1878	1978	2078	2178	2278	2378	2478	2578	2678
C	220	170	120	220	170	120	220	170	120	220	170	120	220	170	120	220	170	120	220	170	120	220
N	2	3	3	4	5	5	6	7	7	8	9	9	10	11	11	12	13	13	14	15	15	16
Weight(KG)	21.61	24.09	26.57	29.05	31.53	34.01	36.49	38.97	41.45	43.93	46.41	48.89	51.37	53.85	56.33	58.81	61.29	63.77	66.25	68.73	71.21	73.69

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	2100	2200
L	578	678	778	878	978	1078	1178	1278	1378	1478	1578	1678	1778	1878	1978	2078	2178	2278	2378	2478	2578	2678
C	220	170	120	220	170	120	220	170	120	220	170	120	220	170	120	220	170	120	220	170	120	220
N	2	3	3	4	5	5	6	7	7	8	9	9	10	11	11	12	13	13	14	15	15	16
Weight(KG)	21.61	24.09	26.57	29.05	31.53	34.01	36.49	38.97	41.45	43.93	46.41	48.89	51.37	53.85	56.33	58.81	61.29	63.77	66.25	68.73	71.21	73.69

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