

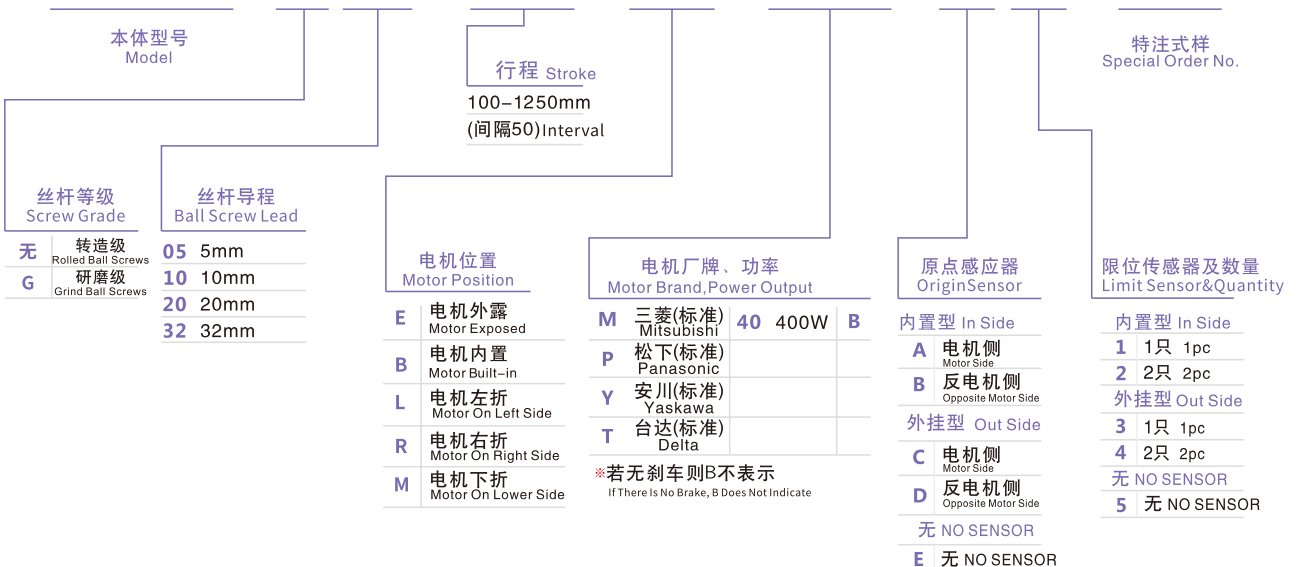


此图仅供参考，出货规格详见尺寸图面
The picture is just for the reference. Please check the the actual dimensions on the drawing.

最大行程 Maximum Stroke	1250mm	最高速度 Maximum Speed	2000mm/s	电机容量 Motor Output	400W	滚珠丝杆 Ball Screw	ø20mm	直线滑轨 Linear Guide	20X15-2支
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型号表示方式 Ordering Method

RTH17 - 05 - 100 - E - M40B - C 4 - 01



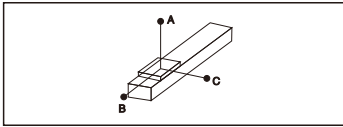


基本式样 Specification

性能 Performance	位置重复精度 Repeatability (mm)	±0.01				
	丝杆导程 Ball Screw Lead (mm)	5	10	20	40	
	最高速度 Maximum Speed (mm/s)	250	500	1000	2000	
	最大可搬重量 Maximum Payload	水平使用kg Horizontal (kg)	120	110	75	22
		垂直使用kg Vertical (kg)	40	30	14	7
	定格推力 Rated Thrust (N)	1388	694	347	174	
部品 Parts	标准行程 Stroke Pitch (mm)	100~1250mm/50间隔 Interval				
	AC伺服电机容量 AC Servo Motor Output (W)	400				
	滚珠丝杆外径 Ball Screw ϕ (mm)	C7 ϕ 20				
	高刚性直线滑轨 High Rigidity Linear Guide (mm)	W20xH15				
	联轴器 Coupling (mm)	ϕ 12- ϕ 14				
	原点及限位感应器* Origin & Limit Sensor	外挂 Outside	EE-SX672(NPN)			
内置 Built-in		EE-SX674(NPN)				

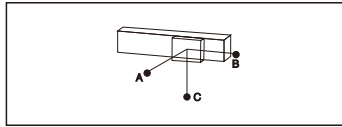
- *1. 有关传感器另外的选型, 如有需求请洽询我司业务。
 *1. For additional selection of sensors, please contact our business if you have any requirements.
- *行程超过85时, 会产生丝杆偏摆, 此时请将速度调降。
 *When the stroke is over 850 mm, the run-out of the ballscrew will occur. We recommend to low down the working speed under this circumstances.
- *电机加减速设定0.2秒。
 *Acceleration and deceleration value is set 0.2 second.

容许负载悬矩表 Allowable Overhang



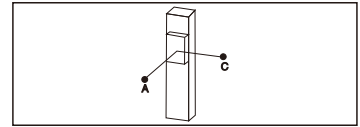
(单位: mm) (Unit: mm)

水平安装 Horizontal Installation				
导程 Lead		A	B	C
5 Lead	70kg	3235	349	408
	90kg	2482	263	306
	120kg	1850	187	217
10 Lead	65kg	1911	338	373
	85kg	1445	248	276
	110kg	1102	182	202
20 Lead	35kg	1666	547	538
	55kg	1030	331	328
	75kg	733	231	230
40 Lead	15kg	1126	740	577
	22kg	755	491	384
	-	-	-	-



(单位: mm) (Unit: mm)

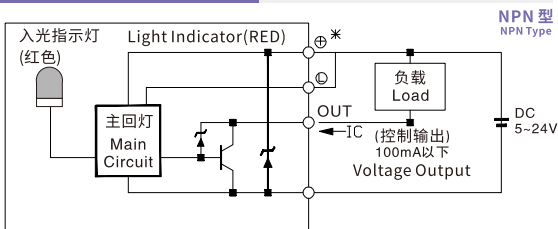
墙面安装 Wall Installation				
导程 Lead		A	B	C
5 Lead	75kg	377	322	2988
	95kg	288	246	2333
	120kg	218	187	1850
10 Lead	60kg	408	368	2092
	80kg	296	266	1554
	110kg	202	182	1102
20 Lead	30kg	633	644	1961
	50kg	365	369	1143
	75kg	230	231	733
40 Lead	12kg	729	936	1417
	22kg	384	491	755
	-	-	-	-



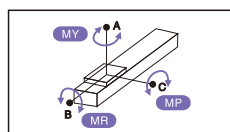
(单位: mm) (Unit: mm)

垂直安装 Vertical Installation			
导程 Lead		A	C
5 Lead	20kg	1368	1368
	30kg	911	911
	40kg	683	683
10 Lead	15kg	1618	1618
	25kg	970	970
	30kg	808	808
20 Lead	10kg	1922	1922
	14kg	1377	1377
	-	-	-
40 Lead	4kg	2377	2377
	7kg	1356	1356
	-	-	-

感应器接线图<原点及限位> Sensor Wiring Diagram<Origin And Limit>



静态容许负载惯量 Static Allowable Load Inertia

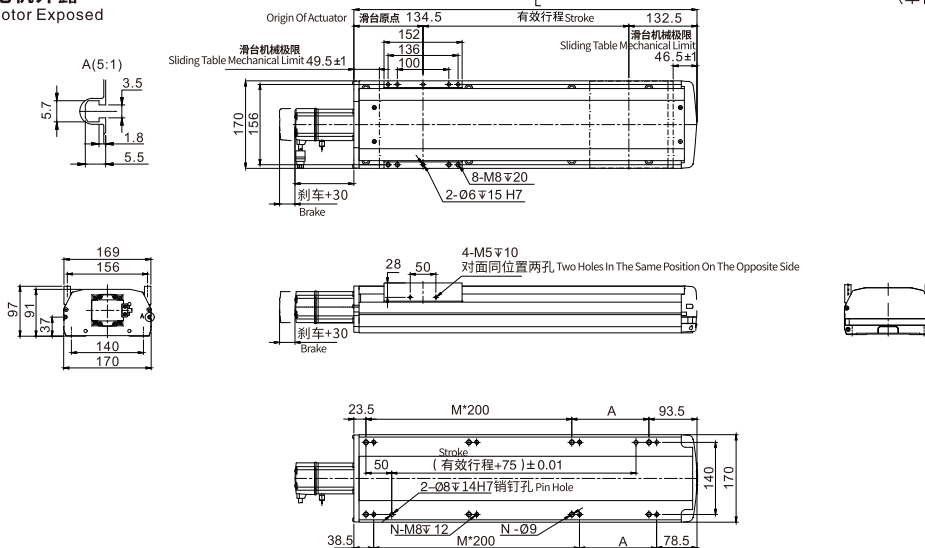


水平使用时 Horizontal Use	(单位: mm) (Unit: mm)
MY	1032(N.m)
MP	1034(N.m)
MR	908(N.m)

- *悬矩表所表示的数据, 代表重心。
 *The torque value in the chart indicate the center of gravity.
- *符合型号规范的正常使用时, 保证寿命为10000公里。
 *Operation life is 10,000km when the product is using under the specified conditions.
- *倒吊使用无法套用标准规范, 如有需求请洽询我司业务。
 *Data information is not for ceiling-mount inverse usage. Contact us for the details if you want to apply ceiling-mount inverse usage.

E 电机外露 Motor Exposed

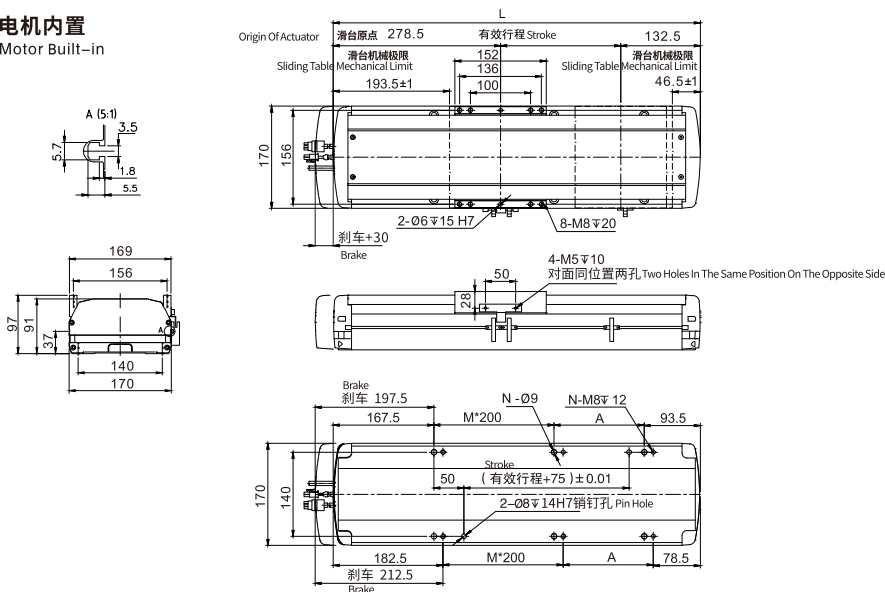
(单位Unit: N.m)



有效行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250
L	367	417	467	517	567	617	667	717	767	817	867	917	967	1017	1067	1117	1167	1217	1267	1317	1367	1417	1467	1517
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14	16	16	16	16
KG	10.02	10.79	11.57	12.34	13.11	13.88	14.65	15.42	16.19	16.96	17.73	18.5	19.28	20.05	20.82	21.59	22.36	23.13	23.9	24.67	25.44	26.21	26.98	27.75

B 电机内置 Motor Built-in

(单位Unit: N.m)



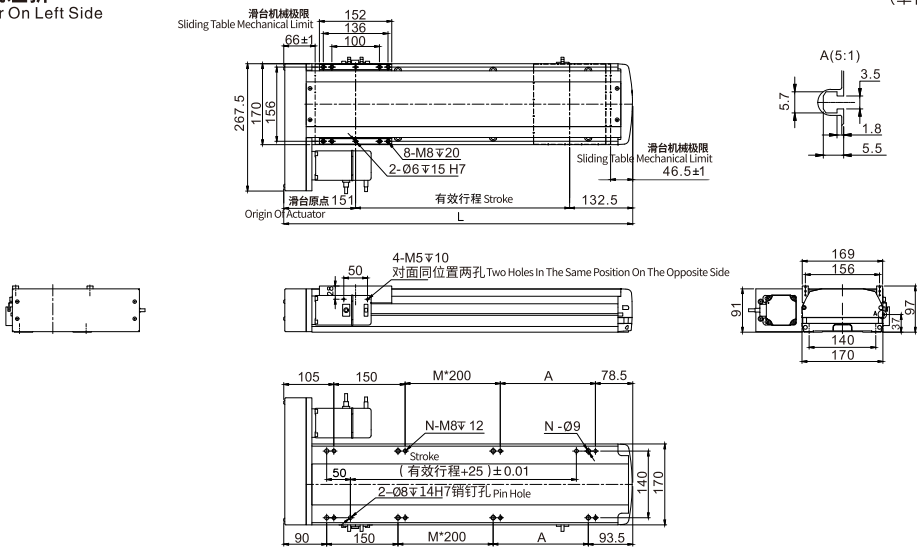
有效行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250
L	511	561	611	661	711	761	811	861	911	961	1011	1061	1111	1161	1211	1261	1311	1361	1411	1461	1511	1561	1611	1661
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14	16	16	16	16
KG	10.89	11.67	12.45	13.22	14	14.78	15.55	16.33	17.11	17.88	18.66	19.44	20.22	20.99	21.77	22.55	23.33	24.1	24.88	25.66	26.44	27.21	27.99	28.77

电机左折/电机右折

Motor On Left Side/Motor On Right Side

L 电机左折 Motor On Left Side

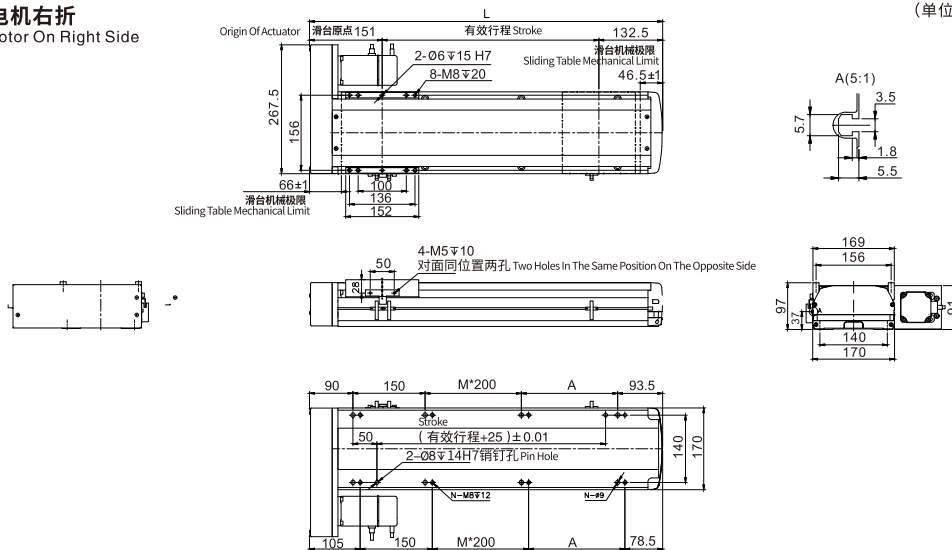
(单位Unit: N.m)



有效行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250
L	383.5	433.5	483.5	533.5	583.5	633.5	683.5	733.5	783.5	833.5	883.5	933.5	983.5	1033.5	1083.5	1133.5	1183.5	1233.5	1283.5	1333.5	1383.5	1433.5	1483.5	1533.5
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	0	0	0	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14	16	16	16	16
KG	10.3	11.07	11.84	12.61	13.38	14.15	14.92	15.69	16.47	17.24	18.01	18.78	19.55	20.32	21.09	21.86	22.63	23.4	24.18	24.95	25.72	26.49	27.26	28.03

R 电机右折 Motor On Right Side

(单位Unit: N.m)



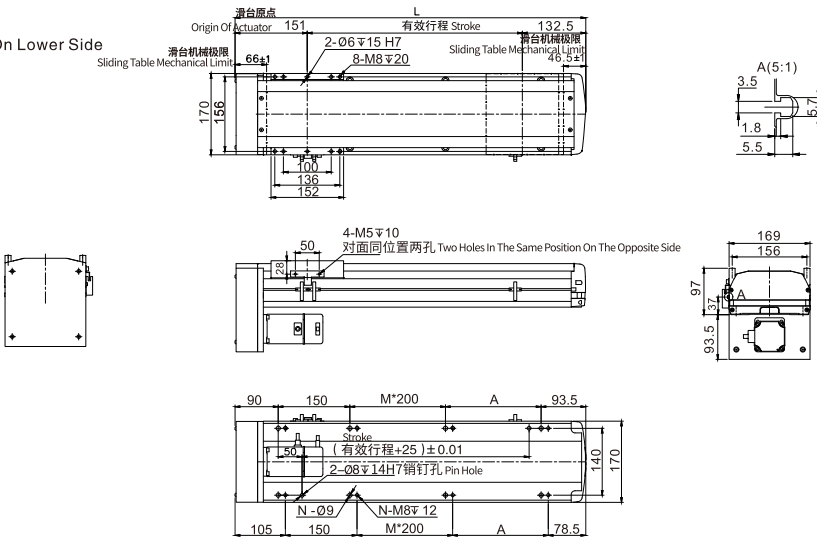
有效行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250
L	383.5	433.5	483.5	533.5	583.5	633.5	683.5	733.5	783.5	833.5	883.5	933.5	983.5	1033.5	1083.5	1133.5	1183.5	1233.5	1283.5	1333.5	1383.5	1433.5	1483.5	1533.5
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	0	0	0	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14	16	16	16	16
KG	10.3	11.07	11.84	12.61	13.38	14.15	14.92	15.69	16.47	17.24	18.01	18.78	19.55	20.32	21.09	21.86	22.63	23.4	24.18	24.95	25.72	26.49	27.26	28.03

电机下折

(单位Unit: N.m)



Motor On Lower Side



有效行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250
L	383.5	433.5	483.5	533.5	583.5	633.5	683.5	733.5	783.5	833.5	883.5	933.5	983.5	1033.5	1083.5	1133.5	1183.5	1233.5	1283.5	1333.5	1383.5	1433.5	1483.5	1533.5
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	0	0	0	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14	16	16	16	16
KG	10.3	11.07	11.84	12.61	13.38	14.15	14.92	15.69	16.47	17.24	18.01	18.78	19.55	20.32	21.09	21.86	22.63	23.4	24.18	24.95	25.72	26.49	27.26	28.03