



Max Stroke

Max Speed

Motor

Screw size

Guide

1200mm

1000mm/sec

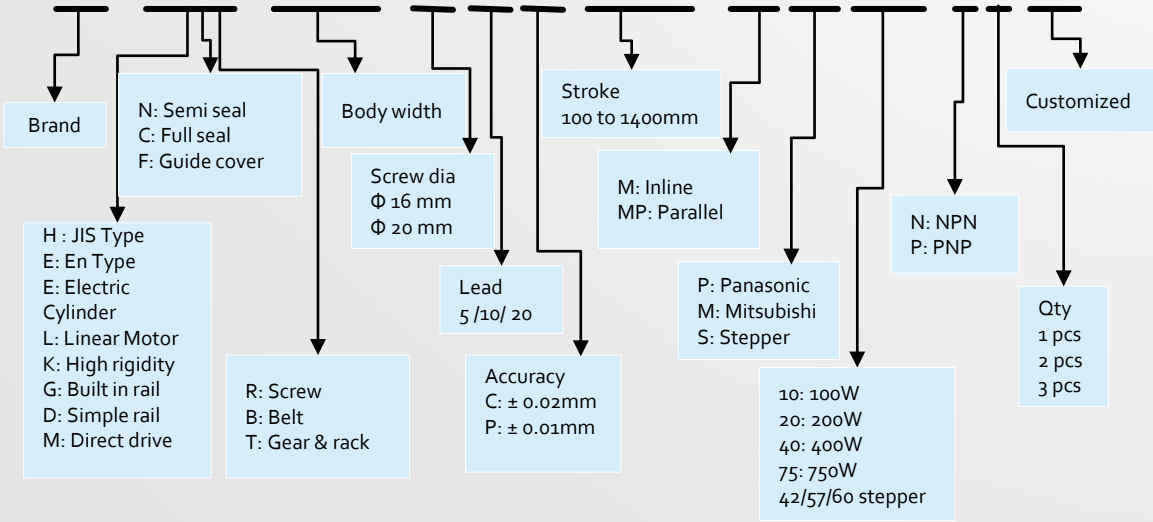
200 watts

16 mm

LM Guide

Ordering Method

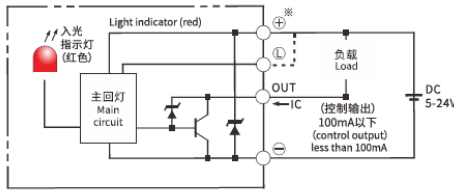
SQ-HNR-120D-1610C-L1200-M-Y-P20-N3-F



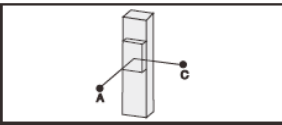
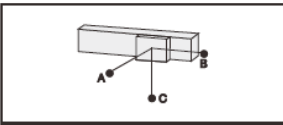
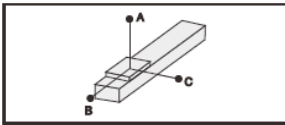
Product Performance Parameter

Specifications	Motor power (W)		200		
	Rated torque (Nm)		0.64		
	Position accuracy (mm)		± 0.02		
	Lead (mm)		5	10	20
	Max speed (mm/sec)		250	500	1000
	Motor RPM		3000		
	Max Payload (Kg)	Horizontal	60	30	12
		Vertical	27	12	10
	Rated thrust (N)		615	307	192
	Max stroke (mm)		100 – 1400mm / 50mm pitch		
Parts	Ballscrew dia (mm)		$\Phi 16$		
	Material base		Hard Aluminum A1		
	Accuracy requirement of installation surface (mm)		$C < 0.05$ & $P < 0.02$		
	Operating environment		0~40° C, 85% RH		

Sensor layout



Allowable over-hang (Nm)



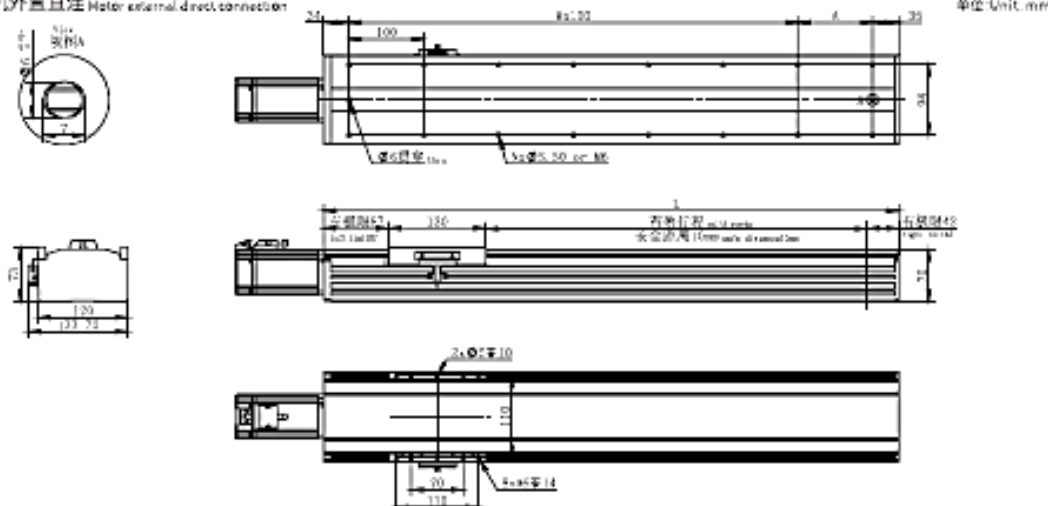
Horizontal Installation		A	B	C	Horizontal Installation		A	B	C	Horizontal Installation		A	B	C
Lead 5mm	30	882	65	78	Lead 5mm	25	100	84	1102	Lead 5mm	5	544		544
	40	606	43	51		35	63	52	725		8	341		341
	50	437	29	35		50	35	29	433		12	227		227
Lead 10mm	15	875	138	157	Lead 10mm	10	250	221	1311	Lead 10mm	4	607		606
	25	485	73	83		20	110	97	633		8	303		303
	30	386	56	64		30	64	56	385					
Lead 20mm	5	1160	384	386	Lead 20mm	5	317	316	955	Lead 20mm	2	961		961
	10	561	180	181		12	147	144	455		3	639		639
	18	288	88	89		18	89	88	288		-	-		-



电机外置直连/电机外置下方

Motor external direct connection/Motor external under/below

电机外置直连 Motor external direct connection

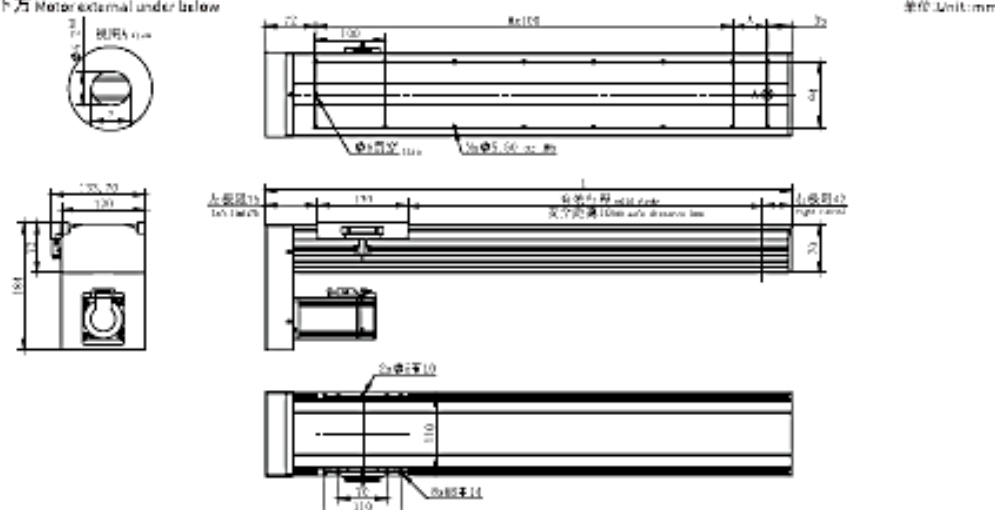


*不含电机重量, *Motor weight not included.

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
L	365	415	465	515	565	615	665	715	765	815	865	915	965	1015	1065	1115	1165	1215	1265	1315	1365	1415	1465
A	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
N	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30
M	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13
KG	5.4	6.3	6.4	7.3	7.8	8.8	8.4	9.3	9.8	10.3	10.4	11.3	11.8	12.3	12.4	13.3	13.4	14.3	14.8	15.3	15.4	16.3	16.4

如有超长行程及定制需求, 请咨询我们销售, If you have extra long trip and custom requirements, please consult our sales.

电机外置下方 Motor external under/below



*不含电机重量, *Motor weight not included.

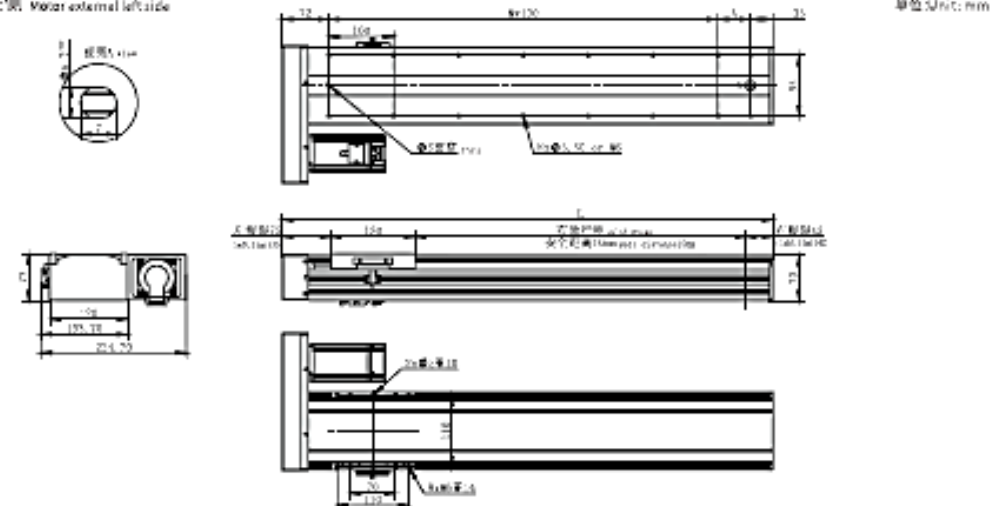
有效行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
L	365	415	465	515	565	615	665	715	765	815	865	915	965	1015	1065	1115	1165	1215	1265	1315	1365	1415	1465
A	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
N	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30
M	1	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13
KG	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15	15.5	16	16.5

如有超长行程及定制需求, 请咨询我们销售, If you have extra long trip and custom requirements, please consult our sales.

电机外置左侧/电机外置右侧

Motor external left side/Motor external right side

电机外置左侧 Motor external left side

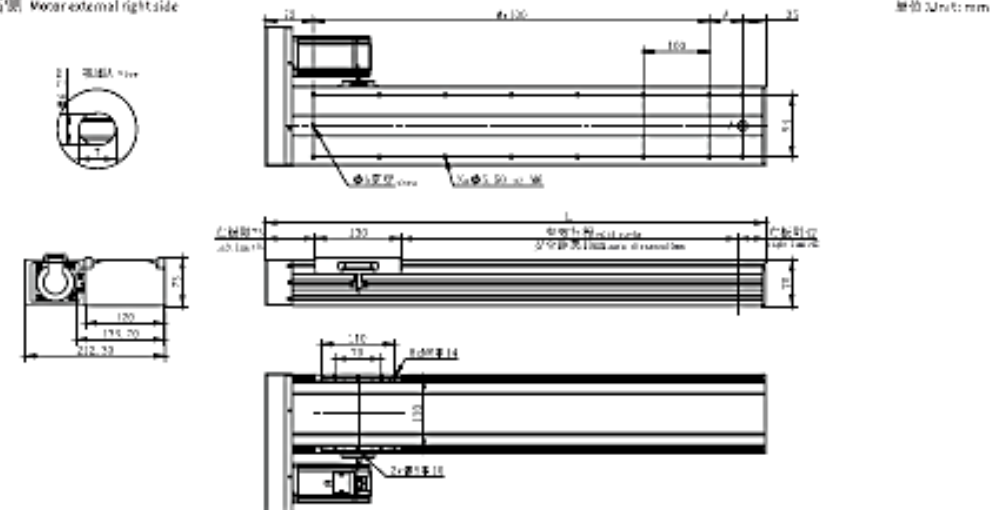


*不含电机重量, *Motor weight not included.

有效行程 Stroke	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
L	357	407	457	507	557	607	657	707	757	807	857	907	957	1007	1057	1107	1157	1207	1257
A	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
N	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26
M	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11
KG	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	13.5	14	14.5

如有超长行程及定制需求, 请咨询我们销售, If you have extra long trip and custom requirements, please consult our sales.

电机外置右侧 Motor external right side



*不含电机重量, *Motor weight not included.

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
L	357	407	457	507	557	607	657	707	757	807	857	907	957	1007	1057	1107	1157	1207	1257	1307	1357	1407	1457
A	50	50	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50
N	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30
M	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13
KG	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15	15.5	16	16.5

如有超长行程及定制需求, 请咨询我们销售, If you have extra long trip and custom requirements, please consult our sales.