

1 2 3 4 5 6 7 8 9

## Customer sign

A

B

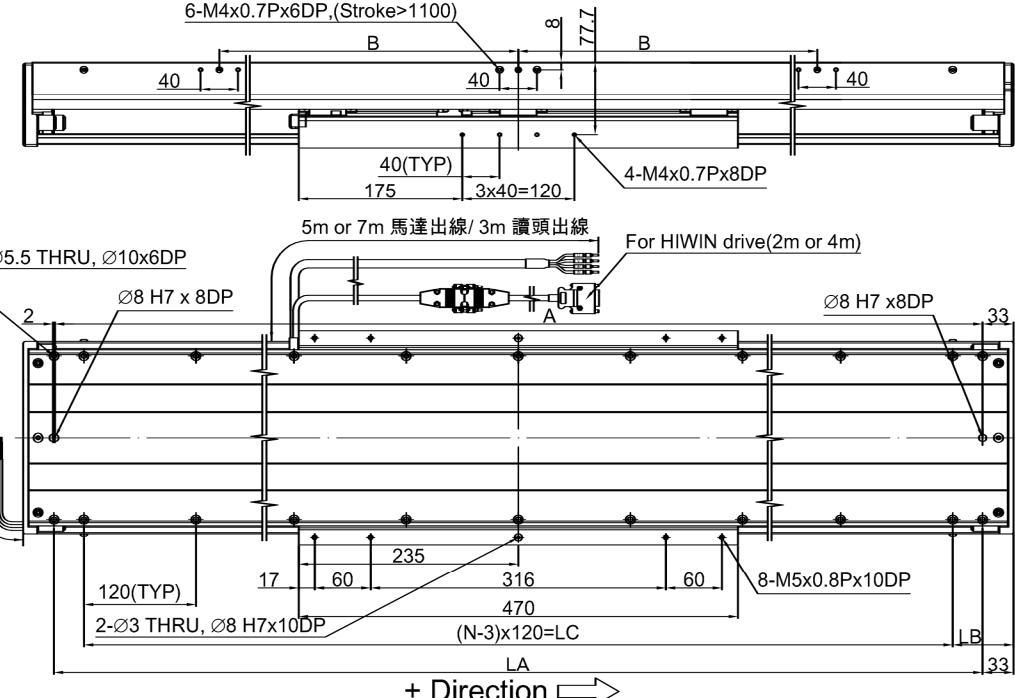
C

D

E

F

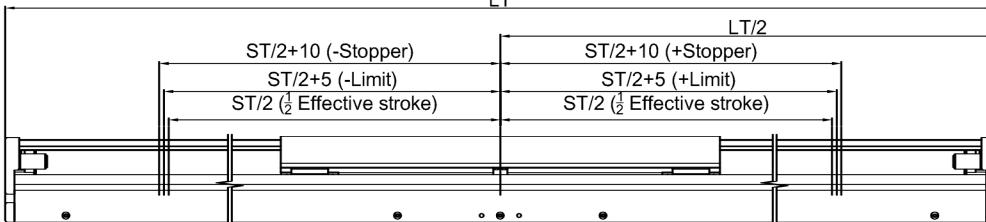
G

2-M4x0.7Px6DP,(Stroke≤1100)  
6-M4x0.7Px6DP,(Stroke>1100)

(表B-近接開關腳位表)

## LMSA Motor wiring diagram

Signal	Color
V	Black-2
U	Black-1
W	Black-3
GND	Green/Yellow
T+	Black-5
T-	Black-6
	Shield



## (表C-馬達腳位表)

註：1. 規格: LMSSA-20S700-1-□□□□□(行程)-□(讀頭)□(出線).3□(近接開關)-S-S-A0.  
(規格編碼原則請參閱型錄)

2. 移動部重量: 10.5kg, 連續推力: 725 N, 瞬間推力: 2048N .
3. HIWIN 精度保證於室溫23°C±1°C下量測.
4. 出貨時鎖附在花崗岩上進行量測.
5. 若未搭配 HIWIN 驅動器, 出貨報告只提供精度補償表.
6. 讀頭延長線需另外購買
7. 此圖面尺寸不適合用於霍爾編碼器

ITEM	DATE	MODIFIED	DESCRIPTION	ECN NO.	CHK	APPD

## Positioning Measurement-Digital

Function	Signal	Color	D-Sub (Male-15P)	
			optical	magnetic
Power	5V	Brown	7.8	7
	0V	White	2.9	2
Incremental signals	A+	Green	14	
	A-	Yellow	6	
	B+	Blue	13	
Reference mark	B-	Red	5	
	Z+	Violet	12	
	Z-	Grey	4	
Shield	Inner	Inner Shield	15	case
	Outer	Outer Shield	case	-

## (表D-讀頭腳位表)

HIWIN CONFIDENTIAL  
機密文件未經許可，嚴禁複製  
PF Number : \

挑選精度(V)	讀頭編碼	解析度	重現精度	絕對精度(註5)	水平直線度	垂直直線度
	K	Digital 0.1 μm optical	± 1 μm	± 2 μm	± 8 μm / 300 mm (行程: 200 ~ 1100mm)	± 8 μm / 300 mm (行程: 200 ~ 1100mm)
	G	Digital 1 μm optical	± 3 μm	± 6 μm		
	E	Digital 1 μm magnetic	± 3 μm	± 6 μm		

挑選尺寸(V)	尺寸							機台重量(kg)
	LT	N	LA	LB	LC	A	B	
200	780	7	714	150	480	713	-	27.4
250	830	9	764	55	720	763	-	28.5
300	880	9	814	80	720	813	-	29.7
350	930	9	864	105	720	863	-	30.8
400	980	9	914	130	720	913	-	32.0
450	1030	9	964	155	720	963	-	33.1
500	1080	11	1014	60	960	1013	-	34.3
550	1130	11	1064	85	960	1063	-	35.4
600	1180	11	1114	110	960	1113	-	36.6
650	1230	11	1164	135	960	1163	-	37.7
700	1280	11	1214	160	960	1213	-	38.9
750	1330	13	1264	65	1200	1263	-	40.0
800	1380	13	1314	90	1200	1313	-	41.2
850	1430	13	1364	115	1200	1363	-	42.3
900	1480	15	1414	20	1440	1413	-	43.5
950	1530	15	1464	45	1440	1463	-	44.6
1000	1580	15	1514	70	1440	1513	-	45.8
1050	1630	15	1564	95	1440	1563	-	46.9
1100	1680	15	1614	120	1440	1613	-	48.1
1150	1730	15	1664	145	1440	1663	600	49.2
1200	1780	17	1714	50	1680	1713	600	50.4
1250	1830	17	1764	75	1680	1763	600	51.5
1300	1880	17	1814	100	1680	1813	600	52.7
1400	1980	17	1914	150	1680	1913	600	55.0
1500	2080	19	2014	80	1920	2013	600	60.3

TYPE	SSA-20S700-1(Stroke200~1500)						
	CUSTOMER	\	DATE	Apr.07.20	DWN	許亞馨	
ROUGH %	FIT %	GRD	SCALE	MATERIAL	\	\	
8.0a VV	3.2a VV	0.8a VVV	1:X	FINISH	\	\	APPD 蔡政翰
UP TO 6	30	120 300	1200 2400	OVER 2400	NAME	DWG NO	SHEET
± 0.1	± 0.2	± 0.3	± 0.4	± 0.5	± 0.8	± 1.0	APPROVAL A1 1-2

