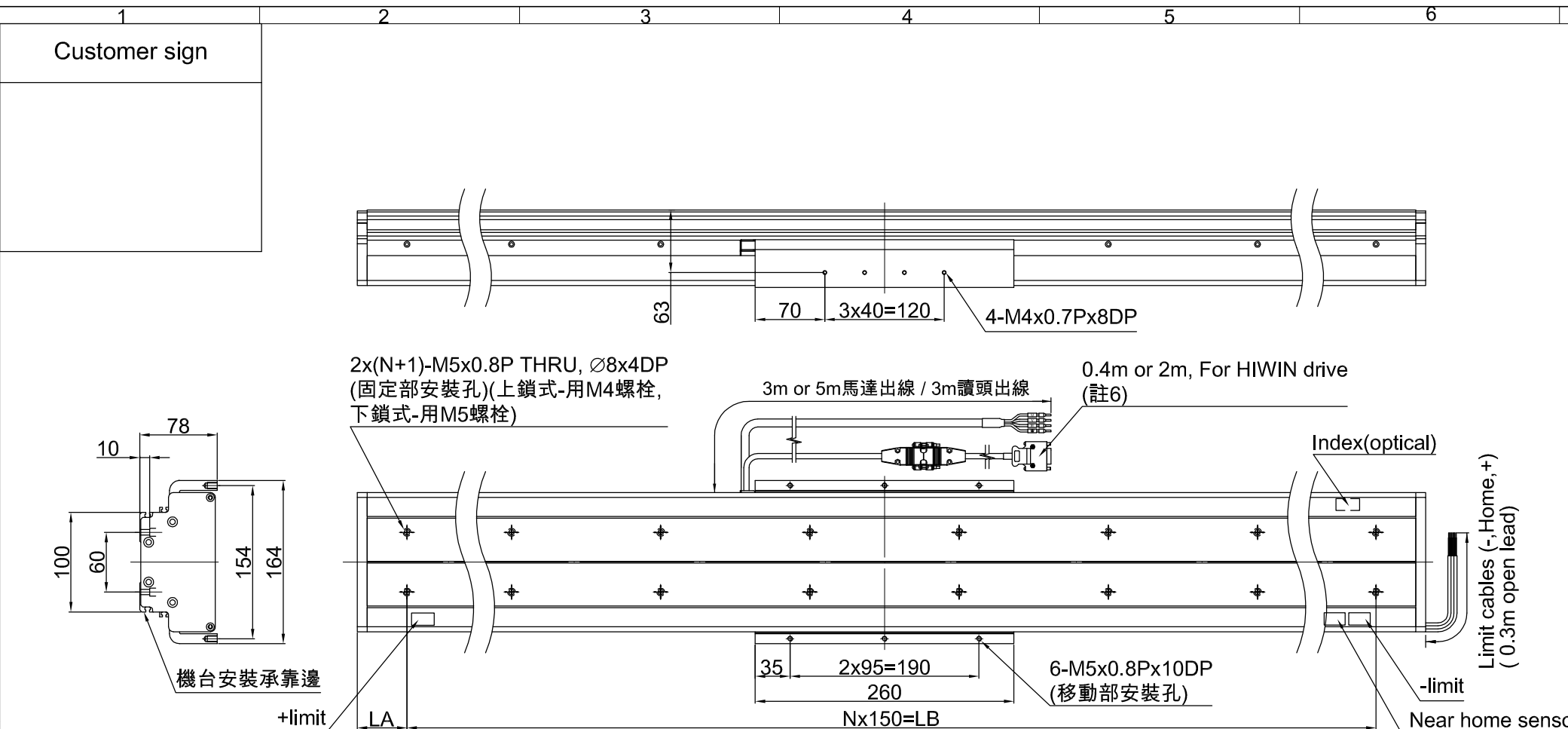
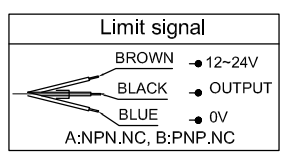
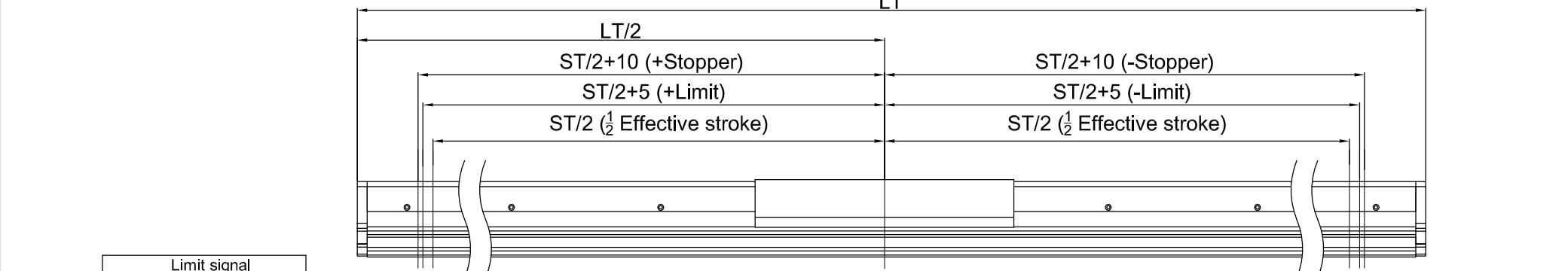


- 註：1. 規格：  
LMSSA-10S200-1-□□□□(行程)-□(讀頭)□(出線),3□(近接開關)-M-B-A0000.  
(規格編碼原則請參閱型錄)
2. 移動部重量: 3.4kg, 連續推力: 205 N, 瞬間推力: 579 N .
3. HIWIN 精度保證於室溫23°C±1°C下量測.
4. 出貨時鎖附在花岗岩上進行量測.
5. 若未搭配 HIWIN 驅動器, 出貨報告將會提供精度補償表.
6. 讀頭延長線需另外購買
7. 若含Hall encoder, 機台外觀尺寸參考行程+100mm.  
舉例: 行程200mm含Hall encoder, 則機台外觀尺寸參考行程300mm



← + Direction



(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+	Brown
T-	Blue
	Shield

(表C-馬達腳位表)

Encoder system-Absolute

Function	Signal	Color	D-Sub Male-9P
Power	5V	Brown	4,5
	0V	White	8,9
	Green		
Serial communication	MA+	Violet	2
	MA-	Yellow	3
	SLO+	Grey	6
	SLO-	Pink	7
Shield	-	-	case

Encoder system -Analog Hall

Function	Signal	Color	D-Sub Male-15P
Power	5V	Brown	4
	0V	White	12
Incremental signals	SIN+	Green	9
	SIN-	Yellow	1
	COS+	Blue	10
	COS-	Red	2
Reference mark	REF+	Violet	3
	REF-	Grey	11
Shield	-	-	case

Encoder system-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	
	B-	Red	5	
	Z+	Violet	12	
Reference mark	Z-	Grey	4	
Shield	Inner	Inner Shield	15	case
	Outer	Outer Shield	case	-

(表D-讀頭腳位表)

Encoder system-Analog optical

Function	Signal	Color	D-Sub Male-15P
Power	5V	Brown	4
		Brown(link)	5
	0V	White	12
		White(link)	13
Incremental signals	V1+	Green	9
	V1-	Yellow	1
	V2+	Blue	10
	V2-	Red	2
Reference mark	V0+	Pink	3
	V0-	Grey	11
Shield	Inner	-	15
	Outer	-	case

(表A-需求規格表)

精度挑選 (打勾V)	讀頭編碼	解析度	重現精度		絕對精度(點5)	
			± 1 μm	± 3 μm		
	K	Digital 0.1 μm optical	± 1 μm		± 2 μm	
	G	Digital 1 μm optical	± 3 μm		± 6 μm	
	E	Digital 1 μm magnetic	± 3 μm		± 6 μm	
	A	Analog 0.1um optical	± 3 μm		± 6 μm	
	P	0.5 um absolute	± 1 μm		± 2 μm	
	H	Analog 1um hall(註7)	± 7.5 μm		-	
尺寸挑選 (打勾V)	行程(ST)	尺寸				機台重量(kg)
		LT	N	LA	LB	
	100	450	2	75	300	9.8
	150	500	3	25	450	10.3
	200	550	3	50	450	10.7
	250	600	3	75	450	11.2
	300	650	4	25	600	11.7
	350	700	4	50	600	12.2
	400	750	4	75	600	12.7
	450	800	5	25	750	13.2
	500	850	5	50	750	13.5
	550	900	5	75	750	14.0
	600	950	6	25	900	14.5
	650	1000	6	50	900	15.0
	700	1050	6	75	900	15.5
	750	1100	7	25	1050	16.0
	800	1150	7	50	1050	16.3
	850	1200	7	75	1050	16.8
	900	1250	8	25	1200	17.4
	950	1300	8	50	1200	17.9
	1000	1350	8	75	1200	18.4
	1050	1400	9	25	1350	18.9
	1100	1450	9	50	1350	19.2
	1150	1500	9	75	1350	19.7
	1200	1550	10	25	1500	20.2
	1250	1600	10	50	1500	20.7
	1300	1650	10	75	1500	21.2

**HIWIN MIKROSYSTEM CORP.**

TYPE: 10S200-1 (100~1300)

CUSTOMER: \ DATE: Nov.19.20

ROUGH %: 8.0a FIT %: 3.2a GRD: 0.8a SCALE: 1:1 MATERIAL: \ DWN: 張琬婷

TOLERANCE mm: \ FINISH: \ \ \ CHK: 饒佑隆

UP TO: 6 30 120 300 600 1200 2400 OVER 2400 PART NO: \ APPD: 蔡政翰

NAME: APPROVAL DWG NO: \ SHEET: A1 1-1

ITEM	DATE	MODIFIED	DESCRIPTION	ECN NO.	CHK	APPD