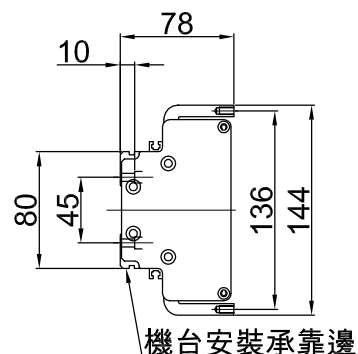
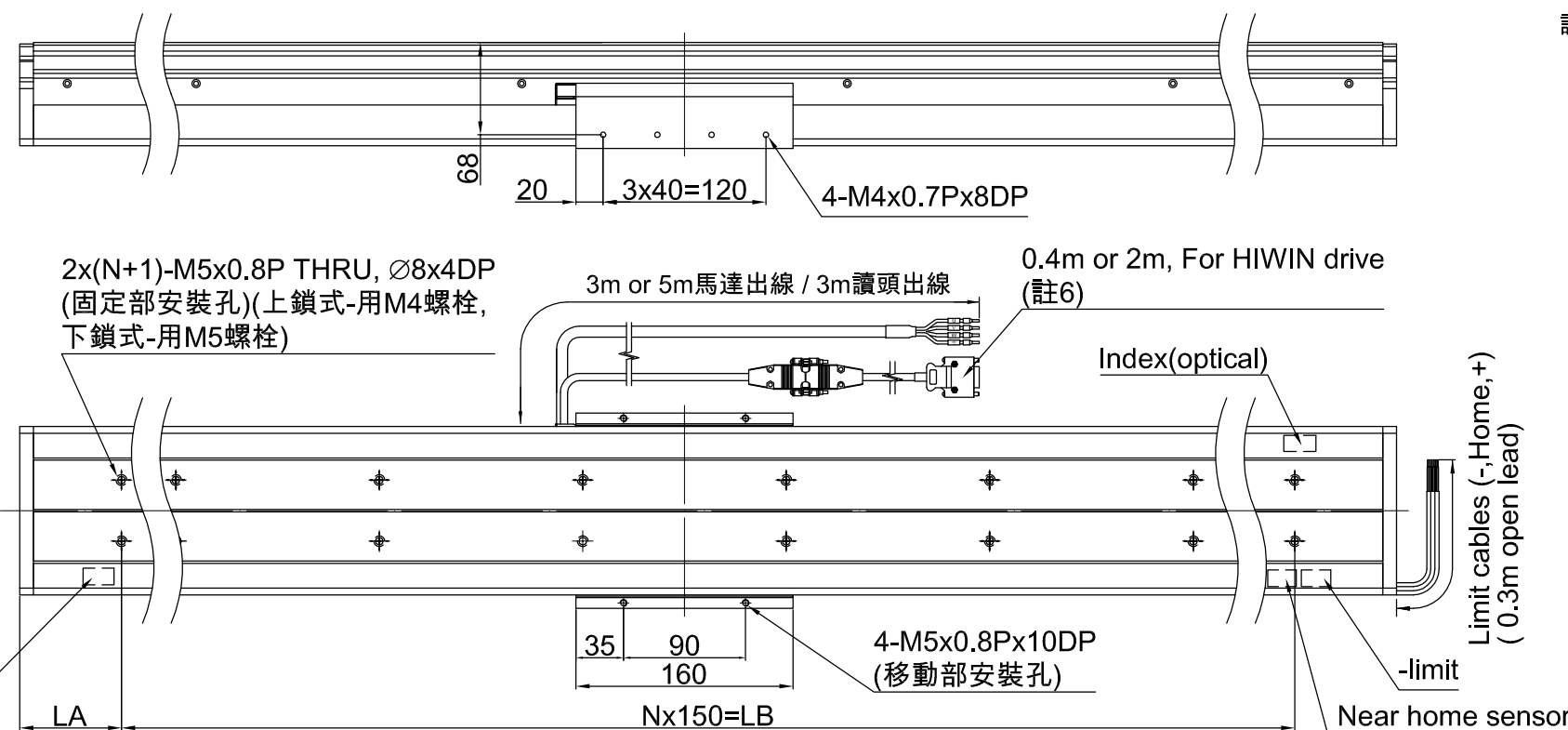
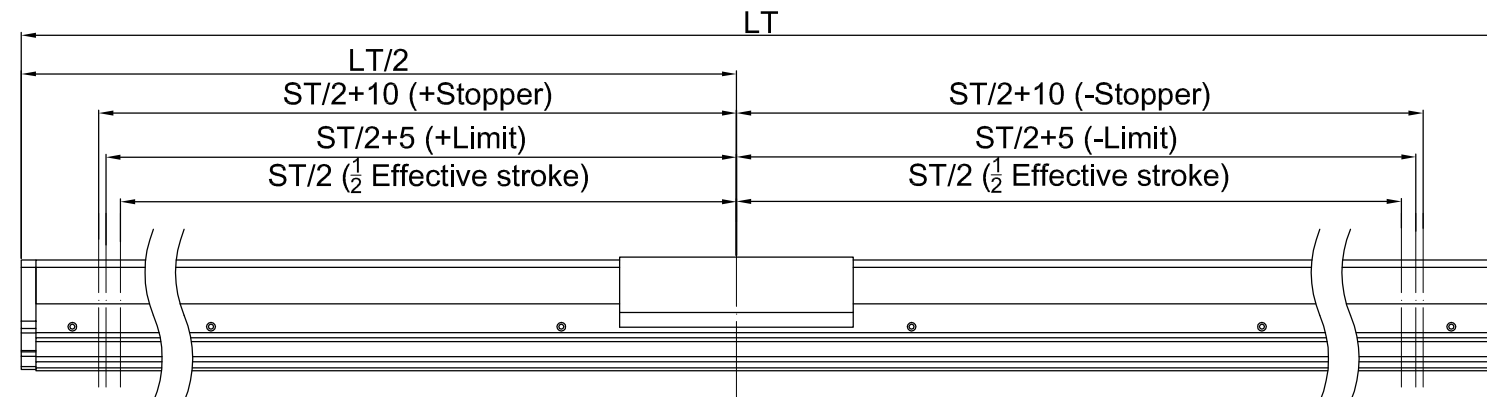


- 註：1. 規格：LMSSA-08S050-1-□□□□(行程)-□(讀頭)□(出線).3□(近接開關)-M-B-A0000.  
(規格編碼原則請參閱型錄)  
2. 移動部重量:1.8kg, 連續推力: 52 N, 瞬間推力: 145 N .  
3. HIWIN 精度保證於室溫23°C±1°C下量測.  
4. 出貨時鎖附在花岗岩上進行量測.  
5. 若未搭配 HIWIN 驅動器，出貨報告將會提供精度補償表.  
6. 讀頭延長線需另外購買  
7. 若含Hall encoder，機台外觀尺寸參考行程+100mm。  
舉例: 行程200mm含Hall encoder，則機台外觀尺寸參考行程300mm



+limit

← + Direction



Limit signal	
BROWN	12~24V
BLACK	OUTPUT
BLUE	0V
A:NPN.NC, B:PNP.NC	

(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 Green	8,9
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	
Reference mark	Z+	Violet	12	
	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	尺寸				絕對精度(註5)	
			行程(ST)	LT	N	LA		LB
	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)		
	100	350	2	25	300	6.8		
	150	400	2	50	300	7.3		
	200	450	2	75	300	7.8		
	250	500	3	25	450	8.2		
	300	550	3	50	450	8.7		
	350	600	3	75	450	9.1		
	400	650	4	25	600	9.5		
	450	700	4	50	600	9.9		
	500	750	4	75	600	10.4		
	550	800	5	25	750	10.9		
	600	850	5	50	750	11.3		
	650	900	5	75	750	11.8		
	700	950	6	25	900	12.1		
	750	1000	6	50	900	12.6		
	800	1050	6	75	900	13.1		
	850	1100	7	25	1050	13.5		
	900	1150	7	50	1050	14.0		
	950	1200	7	75	1050	14.4		
	1000	1250	8	25	1200	14.8		
	1050	1300	8	50	1200	15.2		
	1100	1350	8	75	1200	15.7		
	1150	1400	9	25	1350	16.2		
	1200	1450	9	50	1350	16.6		
	1250	1500	9	75	1350	17.1		
	1300	1550	10	25	1500	17.4		
	1400	1650	10	75	1500	18.3		

<b>HIWIN</b> MIKROSYSTEM CORP.		TYPE	08S050-1 (100~1400)	
ROUGH %	FIT %	CUSTOMER	\	
8.0a	3.2a	DATE	Nov.19.20	
▽	▽▽	DWN	張琬婷	
GRD	0.8a	CHK	饒佑隆	
SCALE	1:1	APPD	蔡政翰	
TOLERANCE mm		PART NO	\	
UP TO	6 30 120 300 600 1200 2400	NAME	\	
± 0.1	± 0.2 ± 0.3 ± 0.4 ± 0.5 ± 0.8 ± 1.0 ± 1.5	DWG NO	\	
APPROVAL		SHEET	A1 1-1	

ITEM	DATE	MODIFIED	DESCRIPTION	ECN NO.	CHK	APPD