

## MNLS0670PM-R080

### 內置超微型光學尺

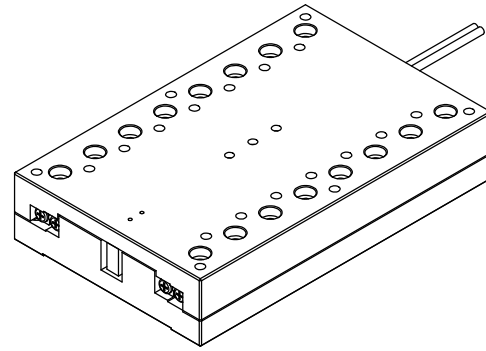
荷重 : 200 N (水平放置)

推力 : 3 N

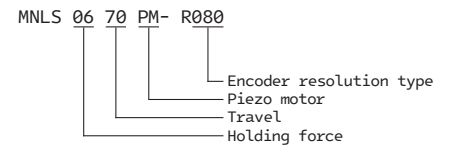
剎車力 : 6 N

解析度 : 80 nm

行程 : 70 mm

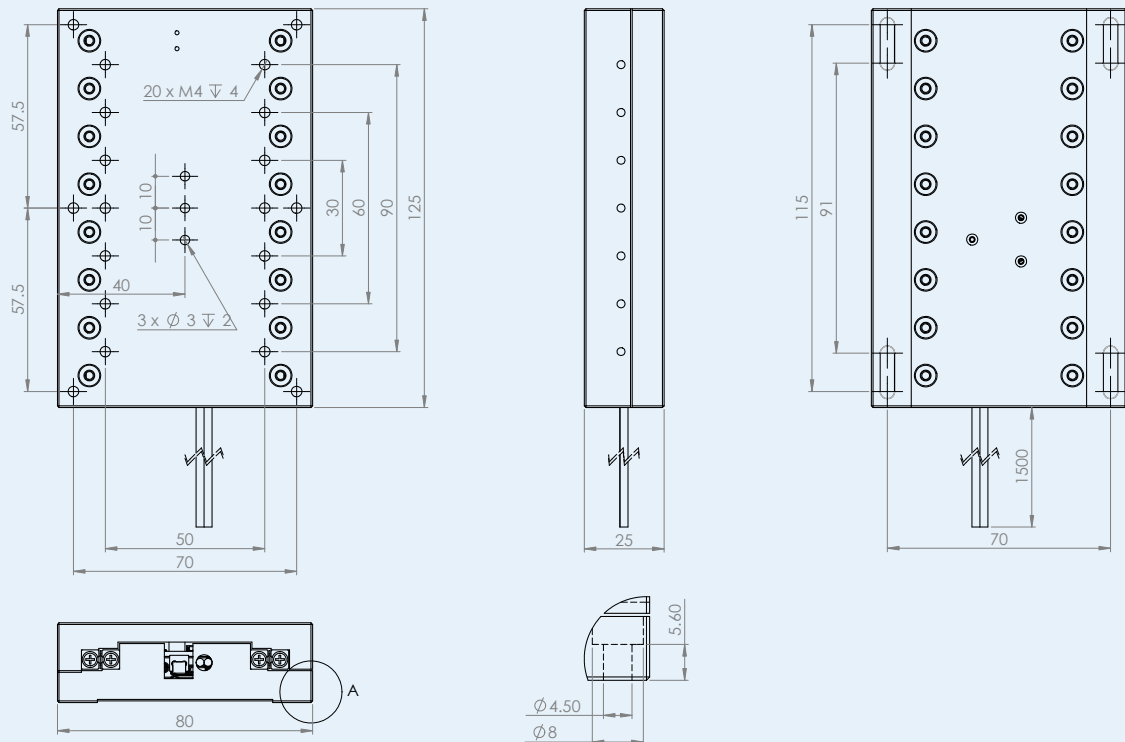


緊湊簡約設計，馬達不外露，便於機構空間配置  
 搭配控制器做速度調整與閉迴路位置控制  
 充分發揮壓電馬達特性，具零背隙效果，高響應加減速，斷電煞車作用



Technical Specification		
Size	80*125*25	mm
Travel	70	mm
Holding Force	6	N
Continuous Force	3	N
Loading Force	200	N
Speed	10	mm/sec
Resolution	80	nm
Straightness	±1.5	µm
Flatness	±3	µm
Accuracy	±5	µm
Repeatability	±0.4	µm
Pitch	150	µrad
Yaw	100	µrad
Motor	LL06	
Controller	PMD401	

## Dimensional drawing



細部放大圖 A  
比例 2:1.1

Scale reduced mm

### Motor Pin Assignment

Connector Type : JST 05SR-3S

Pin	Color	Terminal
1 ▲	Black	GND
2	Pink	Phase4
3	Orange	Phase3
4	Green	Phase2
5	Yellow	Phase1

### Encoder Pin Assignment (Single-ended)

Connector Type : JST 06SR-3S

Pin	Color	Terminal
1 ▲	Black	Quadrature Index I
2	Pink	GND
3	Orange	+5 V (max 200 mA)
4	Green	Quadrature Signal B+
5	Yellow	Quadrature Signal A+
6	Brown	NC