

SATA

變距滑台

Variable distance Table

SGL系列

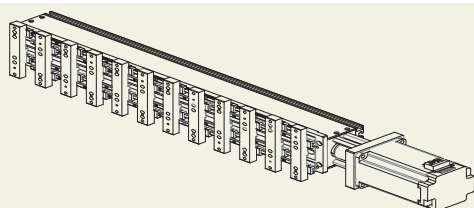
SGL series



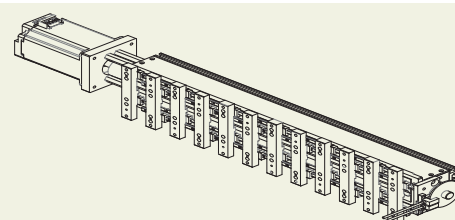
SGL	- 4	- L	- L	- TM
型號 Model	滑塊數量 Number of sliders	傳感器模塊左邊 Sensor module left	馬達方向 Motor direction	電機與驅動器 Motor and driver
	6S	R:傳感器模塊右邊 Sensor module right	R:直結右側 Right side of straight junction	TO:T OPEN驅動器 T OPEN Driver
	6	L:傳感器模塊左邊 Sensor module left	L:直結左側 Left side of straight knot	TM:T STEP驅動器 T STEP Driver
	8S		UR:右上方轉折 Upper right corner	TS:T SERVO驅動器 T SERVO Driver
	8		UL:左上方轉折 Upper left corner	
	10			
	12			

SGL-規格表(SGL-Specification):

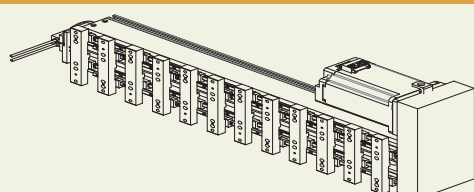
SGL 系列-高度50型-線性滑軌元件 SGL series - height 50 - Linear Guide Element							
規格 Specifications	SGL-4	SGL-6S	SGL-6	SGL-8S	SGL-8	SGL-10	SGL-12
開合距離 Opening and closing distance	10~30	10~30	10~42	10~30	10~35	10~25	12~30
滑塊數 Number of sliders	4	6	6	8	8	10	12
單滑塊基本額定負載 C(N) Basic rated load of single slider C (N)	330						
單滑塊基本額定負載 C0(N) Basic rated load of single slider C0 (N)	550						
重複精度 Repetition accuracy (mm)	±0.025						
定位精度 Positioning accuracy (mm)	±0.05						
模組滑塊高度 Module slider height (mm)	±0.1						
驅動方式 Driving mode	馬達或氣壓缸 Motor or pneumatic cylinder						
建議輸入額定扭矩 Recommended input rated torque	0.7						1.3
原點 Origin	選配 Optional						
潤滑 Lubrication	使用潤滑油自行補充 Self replenish with lubricating oil						
使用最大頻率 Use maximum frequency	每分鐘120次 count per minute 120 times						
使用溫度範圍 Operating temperature range	10~40 °C						
重量 Weight (kg)	0.8	1.2	1.45	1.55	2.3	2.4	3.1
外觀長度 Appearance length (mm)	130	200	250	250	294	280	376



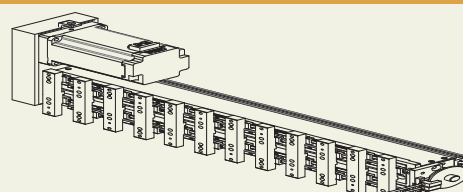
R



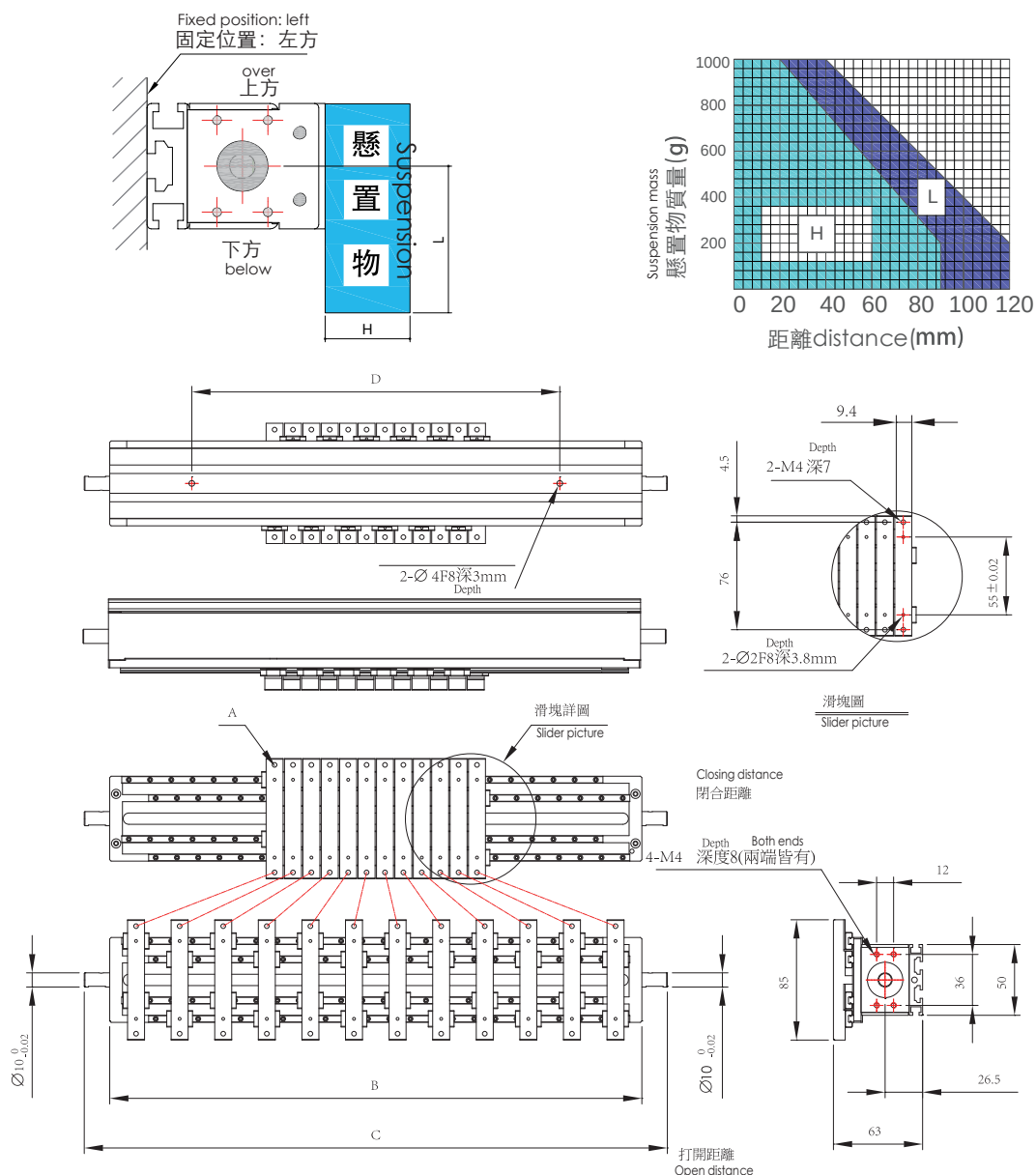
L



UR



UL



SGL 系列-高度50型-線性滑軌元件

SGL series - height 50 -Linear Guide Element

單位: mm

型號 Model	開合距離 Opening and closing distance	每度運轉距離 Running distance per degree	A	B	C	D
SGL-4	10~30	0.0691	4	130	160	100
SGL-6S	10~30	0.0724	6	200	230	100
SGL-6	10~42	0.1052	6	250	280	150
SGL-8S	10~30	0.0691	8	250	280	150
SGL-8	10~35	0.0815	8	294	324	150
SGL-10	10~25	0.0519	10	280	310	150
SGL-12	12~30	0.0597	12	376	412	260

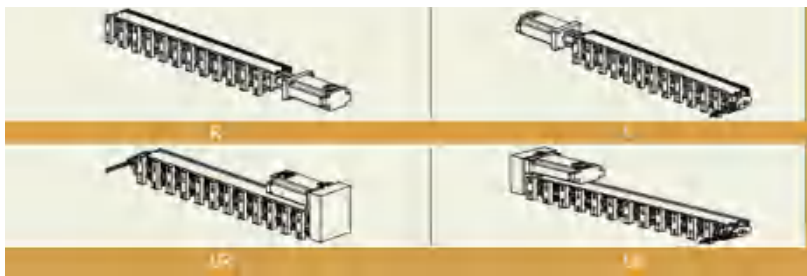
註: 使用轉折驅動, C尺寸, 總長表格內的尺寸再加6mm Note: Use turning drive, dimension C, total length in the table plus 6mm

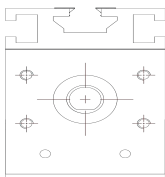
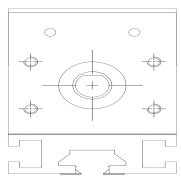
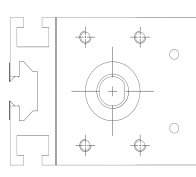
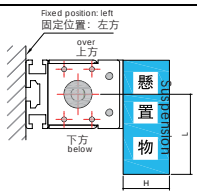
SATA 變距滑台選型表

Selection Table for Variable Pitch Sliding Table

公司名稱 Company Name	表單編號Form number				
聯繫人 contacts	手機 mobile phone	部門 department		傳真 facsimile	
固定電話 Fixed telephone	郵箱 E-mail	日期 date			
通訊地址 Mailing Address					

客戶選型需求Customer selection requirements ()

滑台運動精度 Slide motion accuracy	定位精度: $\pm 0.05\text{mm}$ positioning accuracy		重複定位精度: $\pm 0.025\text{mm}$ Repeated positioning progress	
滑塊數量 Number of sliders	☐ 6S ☐ 6 ☐ 8S ☐ 8 ☐ 10 ☐ 12			
滑台最小節距 Minimum pitch of sliding table	☒ 等距 equidistance 10 mm (10.12)	☐ 不等距 Unequally spaced mm	說明: illustrate	
滑台最大節距 Maximum pitch of sliding table	☒ 等距 equidistance 30 mm (25.30.35.42)	☐ 不等距 Unequally spaced mm	說明: illustrate	
滑塊原點位置 Slide origin position	☐ 傳感器模塊左邊L Left module L of the sensor		☐ 傳感器模塊右邊R Module R on the right side of the sensor	
馬達安裝樣式 Motor installation style				

馬達功率 MOTOR	☐ 步進馬達step motor		☒ 伺服馬達Servo motor	
	說明illustrate:		說明illustrate:	
安裝方式朝向 Installation direction	☐ U(倒掛安裝) Durina verticaluse		☐ B(水平安裝) Horizontal use	
				
導向形式 Guiding form	☒ 滑塊滑軌 Slider rail		☐ L(掛壁安裝) Wall installation use	
				
必填項* Required	負載(G) load	g		其他要求項目 Other required items
	90度(L) 90°			☐ 標配 standard configuration
	0度(H) 0°			☐ 單動 single action
			氣缸品牌 Cylinder brand	☒ 客戶自行配 Customer self configuration
			☐ 復動 double action	

型號定義Model definition

SGL	-	4	L	L	S	U				滑台大小 高度
型號 model	滑塊數量 Number of sliders	傳感器模塊方向 Sensor module direction	馬達方向 motor direction	電機與驅動 Motor and Drive	安裝方式朝向 Installation direction	開合 open and close	最小 minimum	最大 maximum		
SGL SGB	6S	R傳感器模塊右邊 Module R on the right side of the sensor L傳感器模塊左邊 Left module L of the sensor	R直連右側 Directly connected to the right side L直連左側 Directly connected to the left side UR右上方轉折 Upper-right turning point UL左上方轉折 Upper left turning point	TO:T OPEN TM:T STEP TS:T SERVO	U:倒掛安裝 Durina verticaluse B:水平安裝 Horizontal use L:掛壁安裝 Wall installation use	M:中間開合 Middle opening and closing R:右側固定 Right fixed L:左側固定 Left fixed				
	6									
	8S									
	8									
	10									
	12									

選型示範Model Selection Demonstration

SGL	6S	R	R	TO	U					
SGB	4	R	L		L	M	21	48		