

KSP Mini Self-return Series

Product specifications

Parameters	Specifications				
OUTPUT					
Stroke length(mm)	5	10	15	20	25
Mechanic Stroke length	Stroke length + 3mm				
Non-linearity	$\leq \pm 0.3\%$ full stroke				
Resolution	Infinite				
Repeatability	0.01mm				
Max operating speed	5m/s				
Output type	0~100% of operating voltage(vary with position)				
Dimension B	Stroke length + 34mm				
Total length A	55mm	67mm	80mm	92mm	102mm
ENVIRONMENTAL					
Operating temperature	$-30^{\circ}\text{C} \sim +125^{\circ}\text{C}$				
Temperature coefficient	$\leq 1.5\text{PPM}/^{\circ}\text{C}$				
Shock rating	50g(single hit) / IEC68-2-29:1968				
Vibration rating	20g / IEC68-2-6:1982				
Protection rating	IP65				
ELECTRONICS					
Max operating voltage	DC12V			DC24V	
Operating current	$\leq 10\text{mA}$				
Load feature	1.0K Ω				
Resistance $\pm 5\%$	2.0K Ω	2.0K Ω	3.0K Ω	4.0K Ω	5.0K Ω

Installation dimensions

B=effective stroke + 34mm, A=2*B

