



Type	Electric Linear Stage
Stroke (mm)	100
Lead (mm)	2
Repeat positioning accuracy ( $\mu\text{m}$ )	$\pm 5$
Horizontal load (KG)	10
Maximum thrust (N)	100 N at 10r/s
Screw type	Ball Screw
Screw grade	C5
Motor model	Y07-43D48-2488-02GZ-187
Step angle	For specific parameters, please refer to the motor specification
Number of phases	
Drive voltage	
Rated current	
Resistance	
Inductance	
Main weight (kg)	$\approx 1.5\text{KG}$
Material	Aluminum alloy
Surface treatment	Anodic color
Motor Type	42 open loop motor
Sensor	None

				YK-42D2488-02GZ-100			
		制图	李奕麟	页	1/1		
		审核		视角			
		检图		公差	未标注公差12级		
序号	日期	更改内容	设计者	广东凯福电子科技有限公司			