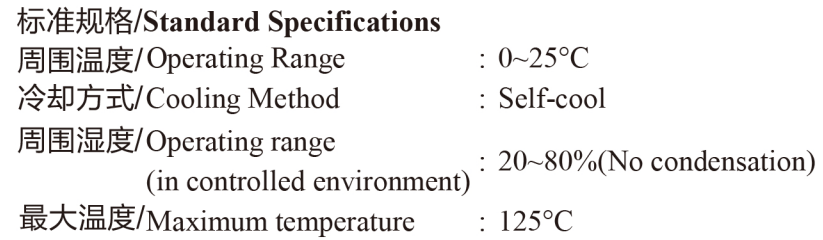




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参数	单位	LMP120-CP50		
Parameter	Unit			
性能指标				
Performance Specifications				
额定推力	N	7.7		
Continuous Force				
峰值推力	N	30.8		
Peak Force				
电气性能				
Electrical Specifications				
线间感应电压常数	V/(m/s)	5.57		
BEMF Constant(line-line,peak)				
额定电流	Arms	0.46		
Continuous Current				
峰值电流	Arms	1.84		
Peak Current,Stall				
推力常数	N/Arms	16.71		
Force Constant				
线间电阻 (25℃)	Ω	27.4		
Resistance,25°C (line-line)				
线间电感	mH	11.30		
Inductance,(line-line)				
散热常数	°C/W	19		
Thermal Resistance				
机械性能				
Mechanical Specifications				
动子重量	kg	0.13		
Coil Weight				
动子长度	mm	50		
Coil Length				
动子高 · 宽	mm	25*25		
Coil height/width				
间隙	mm	0.5		
Gap				
磁轴外径	mm	12		
Magnetic axis diameter				
磁极间距 (NN)	mm	48		
Magnetic Pole Pitch (NN)				
磁轴长度(n=1、2、3...)	mm	70+24*n		
Magnetic axis Length				
最大行程	mm	1800		
Maximum Travel				

1. Performance is dependent upon heat sink configuration, system cooling conditions, and ambient temperature.
1.性能取决于散热器配置、系统冷却条件和环境温度。
2. Values shown @ 100°C rise above a 25°C ambient temperature, with motor mounted to the specified aluminum heat sink.
2.在高于25°C至100°C的环境温度时，电机需安装在指定的铝制散热器上。
3. Peak force assumes correct rms current; consult SMJ.
3.峰值扭矩下设置正确的电流值，请咨询SMJ。
4. Force constant and motor constant specified at stall.
4.失速时规定的力常数和电机常数
5. All performance and electrical specifications $\pm 10\%$.
5.所有性能和电气规格偏差 $\pm 10\%$

Model No.	A		Model No.	B		
LMP120-MPXX	70+24*n		LMP120-CP50	50		

(n=1、2、3...)