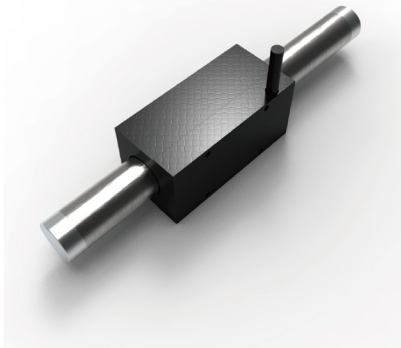




标准规格/Standard Specifications

周围温度/Operating Range

: 0~25℃

冷却方式/Cooling Method

: Self-cool

周围湿度/Operating range

: 20~80%(No condensation)

(in controlled environment)

最大温度/Maximum temperature

: 125℃

详细规格/Specification				
参数 Parameter	单位 Unit	LMP160-CP62	LMP160-CP92	LMP160-CP122
性能指标 Performance Specifications				
额定推力 Continuous Force	N	14.3	21.5	28.6
峰值推力 Peak Force	N	57.9	86.9	115.8
19.2				
线间感应电压常数 BEMF Constant(line-)	V/(m/s)	19.20	28.70	38.30
额定电流 Continuous Current	Arms	0.61	0.61	0.61
峰值电流 Peak Current,Stall	Arms	2.46	2.47	2.54
推力常数 Force Constant	N/ Arms	23.5	35.2	46.9
线间电阻 (25℃) Resistance,25℃ (line-line)	Ω	20.3	30.5	40.6
线间电感 Inductance,(line-line)	mH	13.00	19.50	26.00
放热常数 Thermal Resistance	℃/W	9	6	4.5
机械性能 Mechanical Specifications				
定子重量 Coil Weight	kg	0.19	0.29	0.38
定子长度 Coil Length	mm	62	92	122
定子高·宽 Coil height/ width	mm	30*30	30*30	30*30
间隙 Gap	mm	0.5	0.5	0.5
磁轴外径 Magnetic axis diameter	mm	16	16	16
磁极间距 (NN) Magnetic Pole Pitch (NN)	mm	60	60	60
磁轴长度(n=1、2、3...) Magnetic axis Length	mm	111+30*n	141+30*n	171+30*n
最大行程 Maximum Travel	mm	1800	1800	1800

- 注/Notes:
- 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℃ rise above a 25℃ ambient temperature,with motor mounted to the specified aluminum heat sink.

2.在高于25℃至100℃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。

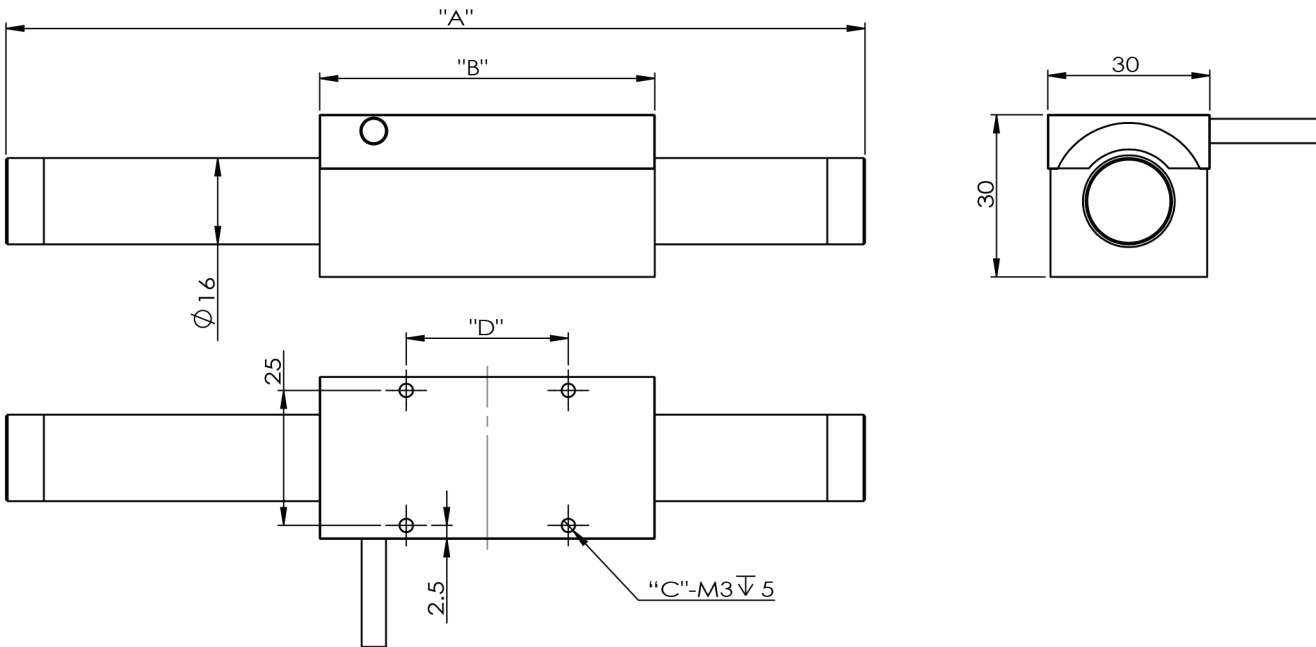
4.Force constant and motor constant specified at stall.

4.失速时规定的力常数和电机常数

5.All performance and electrical specifications±10%.

5.所有性能和电气规格偏差 ± 10%

外形尺寸/Dimensions(mm)



磁轴/Magnet Axis			滑块/Slider			
Model No.	A		Model No.	B	C	D
LMP160-MPXX	111+30*n	配LMP160-CP62	LMP160-CP62	62	4	30
LMP160-MPXX	141+30*n	配LMP160-CP92	LMP160-CP92	92	8	30
LMP160-MPXX	171+30*n	配LMP160-CP122	LMP160-CP122	122	8	30

(n=1、2、3...)