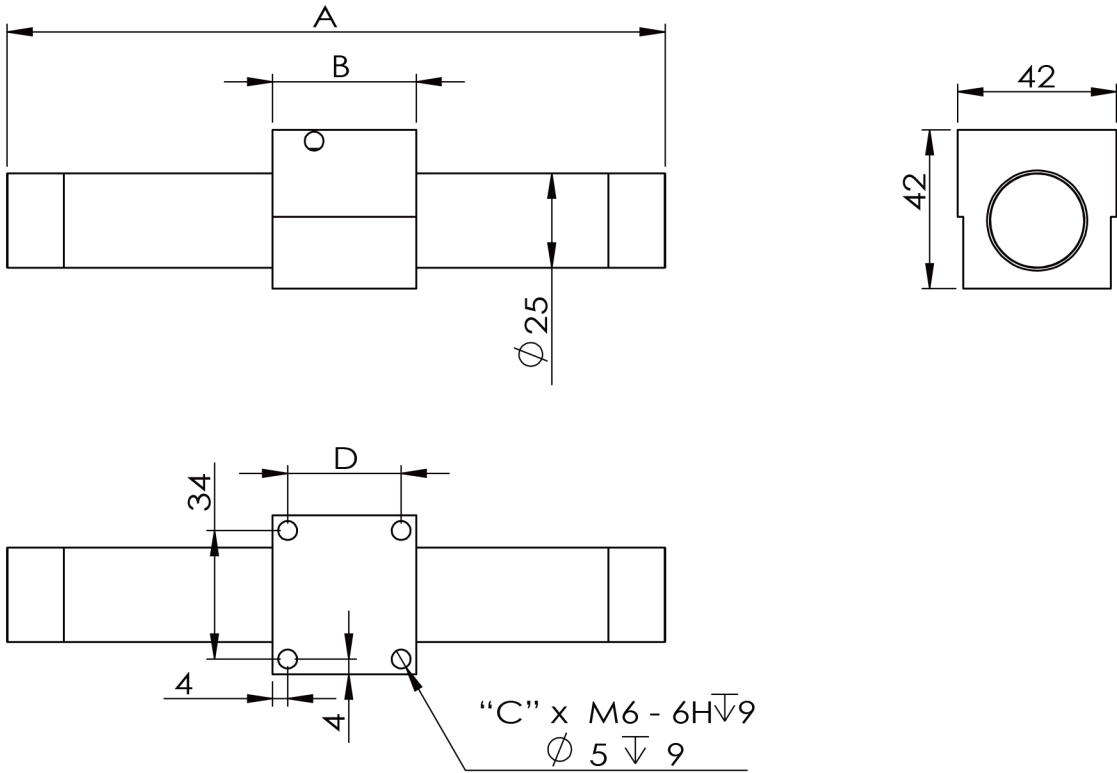


标准规格/Standard Specifications
周围温度/Operating Range : 0~25°C
冷却方式/Cooling Method : Self-cool
周围湿度/Operating range : 20~80%(No condensation)
(in controlled environment)
最大温度/Maximum temperature : 125°C

详细规格/Specification				
参数 Parameter	单位 Unit	LMP250-CP38	LMP250-CP56	LMP250-CP74
性能指标 Performance Specifications				
额定推力 Continuous Force	N	22	32.7	44.1
峰值推力 Peak Force	N	88	130.8	176.4
电气性能 Electrical Specifications				
线间感应电压常数 BEMF Constant(line-line,peak)	V/(m/s)	23.10	34.20	33.80
额定电流 Continuous Current	Arms	0.78	0.78	0.78
峰值电流 Peak Current,Stall	Arms	3.12	3.12	3.12
推力常数 Force Constant	N/Arms	28.3	41.9	56.6
线间电阻 (25℃) Resistance,25°C (line-line)	Ω	20.7	31	41.4
线间电感 Inductance,(line-line)	mH	10.60	15.30	21.20
放热常数 Thermal Resistance	°C/W	7.4	4.9	3.7
机械性能 Mechanical Specifications				
定子重量 Coil Weight	kg	0.21	0.29	0.37
定子长度 Coil Length	mm	38	56	74
定子高·宽 Coil height/width	mm	42*42	42*42	42*42
间隙 Gap	mm	0.75	0.75	0.75
磁轴外径 Magnetic axis diameter	mm	25	25	25
磁极间距 (NN) Magnetic Pole Pitch (NN)	mm	36	36	36
磁轴长度(n=1、2、3...) Magnetic axis Length	mm	138+18*n	156+18*n	174+18*n
最大行程 Maximum Travel	mm	1800	1800	1800

外形尺寸/Dimensions(mm)



磁轴/Magnet Axis

Model No.	A	
LMP250-MPXX	138+18*n	配LMP250-CP38
LMP250-MPXX	156+18*n	配LMP250-CP56
LMP250-MPXX	174+18*n	配LMP250-CP74

滑块/Slider

Model No.	B	C	D
LMP250-CP38	38	4	30
LMP250-CP56	56	4	48
LMP250-CP74	74	6	33

(n=1、2、3...)

- 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°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±10%.
5.所有性能和电气规格偏差 ± 10%