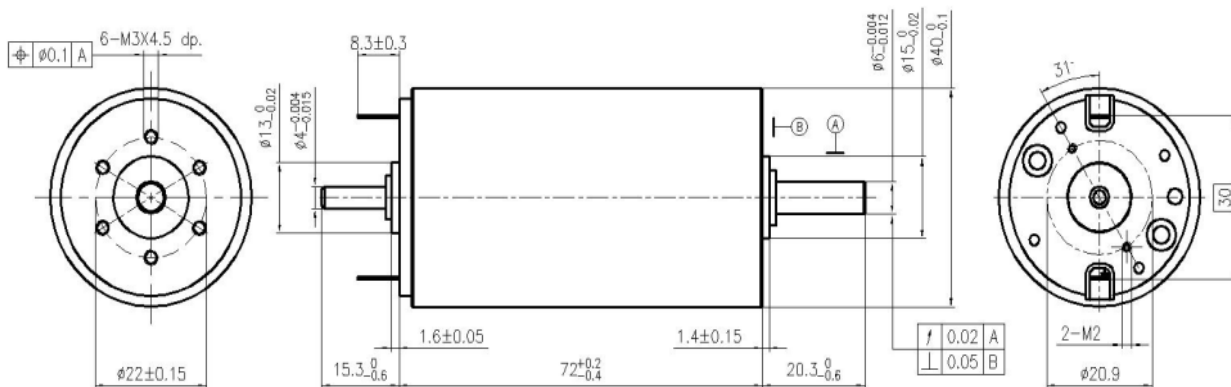


4072 Series /4072系列		型号/model	4000.C	4000.L	4000.F			
Motor data (25℃)/ 运行参数 （ 25℃）								
Max. power at short term/短时运行最大功率		W	150	150	150			
values at nominal voltage/额定电压下数值								
1 Nominal voltage/额定电压		Volt	24	30	48			
2 Terminal resistance/端电阻 ±10%		Ohm	0.3	0.6	1.3			
3 No-Load speed/ 空载转速 ±10%		rpm	8,000	7,875	7,600			
4 No-Load current/空载电流 ≤125%		mA	360.0	306	67			
5 Speed constant/速度常数		rpm/V	333	263	158			
6 Torque constant/转矩常数		mNm/A	28.5	36.2	60.2			
7 Starting current/启动电流		mA	80,000	50,000	36,923			
8 Stall torque/堵转转矩		mNm	2,283	1,809	2,224			
9 Max. efficiency/最大效率		%	87	85	92			
Limits for continuous operation/电机连续运行区域上限								
11 Max. continuous current/最大连续工作电流		mA	7,065	5,778	3,497			
12 Max. continuous torque/最大连续工作转矩		mNm	201.59	209.0	210.65			
13 Nominal speed/最大连续工作电流下的转速		rpm	7,294	6,965	6,880			
14 Max. continuous power /最大连续输出功率		W	153.9	152.4	151.7			
Dimensions/外形尺寸								



● Axial play (measured at 4N axial force)/轴向间隙 (沿轴向施加4N力时的间隙)	0.02~0.07 mm
● Max. ball bearing loads/滚动轴承最大载荷	
Axial (dynamic)/轴向(动态)	5.6N
Radial (4 mm from jamming ring)/径向 (卡簧外4mm)	28N
Force for press-fits (static)/最大允许安装力 (静态)	110N
● Max. radial play ball bearing/滚动轴承最大径向间隙	0.025 mm
● Ambient temperature range/环境温度范围	-20~+65℃
● Max. rotor temperature/转子承受最高温度	+85℃
● Extreme ambient temperature range/环境极限温度	-40~+85℃(Customized/需定制)
● Max. rotor temperature/转子承受最高温度	+125℃(Customized/需定制)
● Options:gearbox ,encoder and rolling bearings/其它可选项: 减速器、编码器和滑动轴承	