

Ø40mm, graphite brushes, ball bearing, with terminals/Ø40mm石墨电刷, 滚动轴承,引出片

Motor data (25℃)/ 运行参数 (25℃)

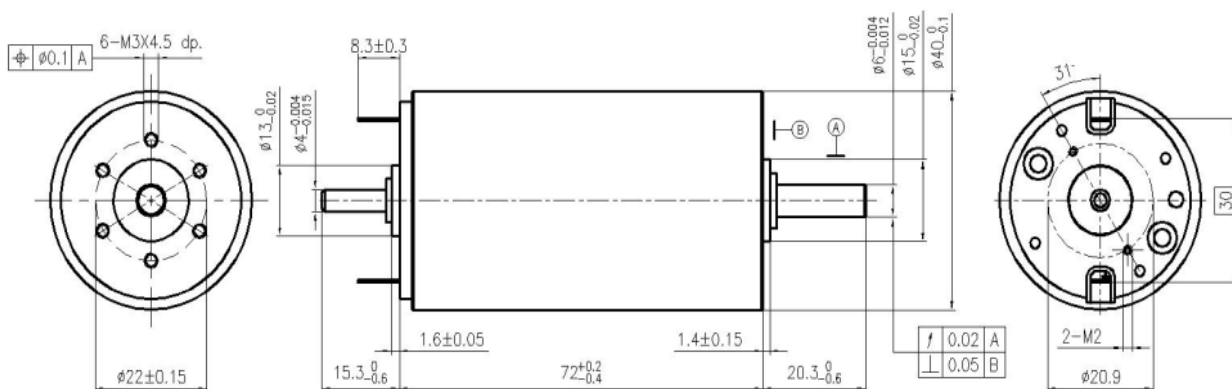
Rated voltage value/额定电压下数值

1 Nominal voltage/额定电压	Volt	24						
2 Terminal resistance/端电阻	±10%	Ohm	0.3					
3 No-Load speed/ 空载转速	±10%	rpm	7,600					
4 No-Load current/空载电流	≤125%	mA	350.0					
5 Speed constant/速度常数		rpm/V	317					
6 Torque constant/转矩常数		mNm/A	30.0					
7 Starting current/启动电流		mA	80,000					
8 Stall torque/堵转转矩		mNm	2,403.1					
9 Max. efficiency/最大效率		%	87					

Limits for continuous operating/电机连续运行区域上限

10 Max. continuous current/最大连续工作电流	mA	5,405						
11 Max. continuous torque/最大连续工作转矩	mNm	162.35						
12 Nominal speed/最大连续工作电流下的转速	rpm	7,087						
13 Max. continuous power 最大连续输出功率	W	120.4						

Dimensions/外形尺寸



Additional information/其它相关信息

- Axial play (measured at 4N axial force)/轴向间隙 (沿轴向施加4N力时的间隙) ≤ 0.07 mm
- Max. sleeve 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 sleeve bearing/滑动轴承最大径向间隙 0.025 mm
- Ambient temperature range/环境温度范围 $-20 \sim +65^{\circ}\text{C}$
- Max. rotor temperature/转子承受最高温度 $+85^{\circ}\text{C}$
- Options: gearbox and ball bearings/其它可选项: 减速器, 单出轴和双出轴