DC Coreless 直流空心杯型
Y22SYK7090.S

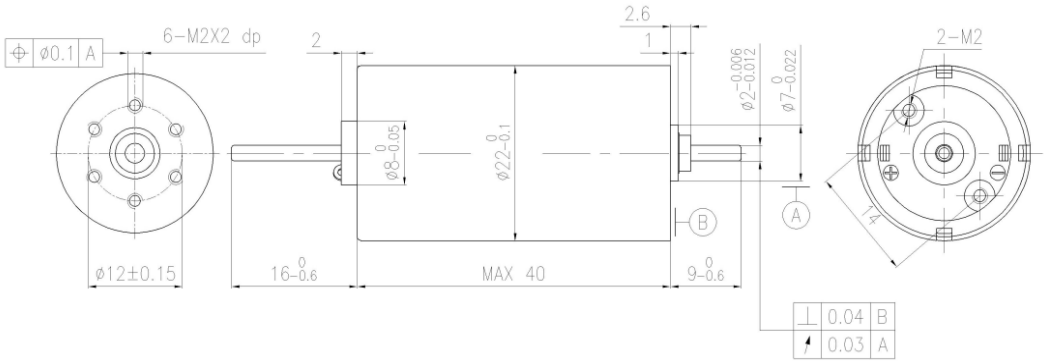
Ø22mm, graphite brushes, sleeve bearing，with terminals/Ø22mm石墨电刷, 滑动轴承,引出片

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	48					
2	Terminal resistance/端电阻	±10%	Ohm	37.1					
3	No-Load speed/ 空载转速	±10%	rpm	7,135					
4	No-Load current/空载电流	≤125%	mA	12.0					
5	Speed constant/速度常数		rpm/V	149					
6	Torque constant/转矩常数		mNm/A	63.7					
7	Starting current/启动电流		mA	1,294					
8	Stall torque/堵转转矩		mNm	82.4					
9	Max.efficiency/最大效率		%	82					
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	108					
11	Max. continuous torque/最大连续工作转矩		mNm	6.88					
12	Nominal speed/最大连续工作电流下的转速		rpm	6,539					
13	Max. continuous power 最大连续输出功率		W	4.7					

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) ≤0.15 mm
- Max. sleeve bearing loads/滚动轴承最大载荷
  - Axial (dynamic)/轴向(动态) 1.0N
  - Radial (4 mm from jamming ring)/径向 (卡簧外4mm) 2.7N
  - Force for press-fits (static)/最大允许安装力 (静态) 80N
- Max. radial play sleeve bearing/滑动轴承最大径向间隙 0.02 mm
- Ambient temperature range/环境温度范围 -20～+65℃
- Max. rotor temperature/转子承受最高温度 +85℃
- Options:gearbox and ball bearings/其它可选项：减速器，单出轴和双出轴