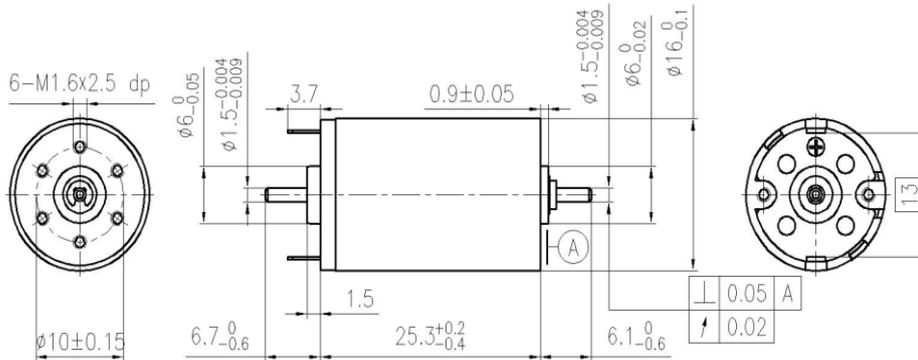


Ø16mm, graphite brushes, sleeve bearing, with terminals/wires/Ø16mm 石墨电刷, 滑动轴承, 引出片/引出线

| | | | | | | | | | |
|---|------------------|----------|--------|--|--|--|--|--|--|
| 1625Series / 1625系列 | | 型号/model | 6130.E | | | | | | |
| Motor data (25°C)/ 运行参数 (25°C) | | | | | | | | | |
| Max. power at short term/短时运行最大功率 | | W | 1 | | | | | | |
| values at nominal voltage/额定电压下数值 | | | | | | | | | |
| 1 Nominal voltage/额定电压 | Volt | 5 | | | | | | | |
| 2 Terminal resistance/端电阻 ±10% | Ohm | 5.20 | | | | | | | |
| 3 No-Load speed/空载转速 ±10% | rpm | 10,000 | | | | | | | |
| 4 No-Load current/空载电流 ≤125% | mA | 35 | | | | | | | |
| 5 Speed constant/速度常数 | rpm/V | 2,000 | | | | | | | |
| 6 Torque constant/转矩常数 | mNm/A | 4.6 | | | | | | | |
| 7 Starting current/启动电流 | mA | 962 | | | | | | | |
| 8 Stall torque/堵转转矩 | mNm | 4.4 | | | | | | | |
| 9 Mechanical time constant/机械时间常数 | ms | 10.3 | | | | | | | |
| 10 Rotor inertia/转动惯量 | gcm ² | 0.5 | | | | | | | |
| 11 Max. efficiency/最大效率 | % | 65 | | | | | | | |
| 12 Motor inductance/电机电感 | mH | 0.16 | | | | | | | |
| 13 Weight of motor/电机重量 | g | 19 | | | | | | | |
| Limits for continuous operation/电机连续运行区域上限 | | | | | | | | | |
| 14 Max. continuous current/最大连续工作电流 | mA | 226 | | | | | | | |
| 15 Max. continuous torque/最大连续工作转矩 | mNm | 1.04 | | | | | | | |
| 16 Nominal speed/最大连续工作电流下的转速 | rpm | 7,654 | | | | | | | |
| 17 Max. continuous power /最大连续输出功率 | W | 0.83 | | | | | | | |
| 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) 0.05~0.15 mm
- Max. sleeve bearing loads/滑动轴承最大载荷
 - Axial (dynamic)/轴向(动态) 0.8N
 - Radial (4 mm from jamming ring)/径向 (卡簧外4mm) 1.4N
 - Force for press-fits (static)/最大允许安装力 (静态) 15N
- Max. radial play sleeve bearing/滑动轴承最大径向间隙 0.02mm
- Ambient temperature range/环境温度范围 -20~+65°C
- Max. rotor temperature/转子承受最高温度 +85°C
- Options: gearbox, encoder and ball bearings/其它可选项: 减速器、编码器和滚动轴承