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| C 空心杯电机 Coreless Motor | | |
| 额定电压/Nominal voltage | 24 | V |
| 空载转速/No-load speed ($\pm 10\%$) | 145 | rpm |
| 空载电流/No-load current (max) | 62.1 | mA |
| 额定转速/Nominal speed | 116 | rpm |
| 最大连续转矩/Max. continuous torque (motor thermal limit) | 430.1 | mNm |
| 最大连续电流/Max. continuous current (motor thermal limit) | 0.507 | A |
| 堵转转矩/Stall torque | 2.29 | Nm |
| 堵转电流/Stall current | 2.47 | A |
| D 环境温度范围/Ambient temperature | -40~+85 | °C |
| 绝缘等级/Insulation class | B | |
| 重量/Weight | 133.2 | g |
| 端电阻/Terminal resistance (motor) ($\pm 8\%$) | 9.7 | Ω |
| 转矩常数/Torque constant (motor) ($\pm 8\%$) | 24.49 | mNm/A |
| 转速常数/Speed constant (motor) ($\pm 8\%$) | 390 | rpm/V |
| 转速/转矩斜率/Speed/torque gradient (motor) | 155 | rpm/mNm |
| 电机空载转速/No-load speed (motor) | 9600 | rpm |
| 电刷类型/Brushes type (motor) | Graphite brushes | |
| E 轴承类型/Bearing type (motor) | Ball bearing | |
| 轴向间隙/Axial play (gearhead) | ≤ 0.35 | mm |
| 级数/Number of stages (gearhead) | 3 | |
| 减速比/Reduction ratio (gearhead) | 64:1 | |
| 效率/Efficiency (gearhead) | 59% | |

受控文件
日期 2023-07-03
鸣志电器(太仓)有限公司

铭牌/Label Detail

| | | |
|---------------|------------------|--|
| MOONS' | | |
| Motor Type | DCU24032G24-S102 | |
| Gearbox Type | PG22C-0064 | |
| Work Order | XXXXXXXX YYYY | |
| Serial No. | | |

备注：二维码内包含产品名称、工单号、序列号。

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|--|------------------------|------------|----------------------------|-------|-----------|---|--------|-----------|
| Unit: mm 第一角画法 FIRST ANGLE METHOD | | | 批准 Approve | | | MOONS' <i>moving in better ways</i> This document is released for information only. Its reproduction in whole or in part or its dissemination to third parties is prohibited. All trademarks and registered trademarks appearing on this document are the property of their respective owners. | | |
| 未注线性与角度尺寸公差 Tolerances for linear and angular dimensions without individual tolerance indications GB/T 1804-m eqv ISO 2768-1 : m | | | 标准化 Standardize | | | | | |
| 未注形状与位置尺寸公差 Geometrical tolerance for features without individual tolerance indications GB/T 1184-K eqv ISO 2768-2 : K | | | 工艺 Process Review | | | | | |
| | | | 审核 Check | | | | | |
| A0 | 原始版本 Original revision | 2023.06.05 | 设计 Design | | | Drawing No: 4611185000465 | | |
| REV. | 版本记录 REVISION RECORD | DATE | UNLESS OTHERWISE SPECIFIED | NAMES | SIGNATURE | DATE | Rev.A0 | SCALE 2:1 |