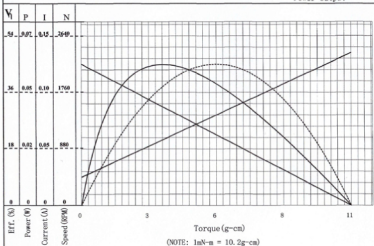


Graph drawing

Sample No: A091207-0 Customer _____ Date: 2009/12/7
 Model: WRF-300CA-08430-18,5 Efficiency _____
 ----- Power output



NOTE: Performance (in an ambient temperature of 25-30°C)
 Motor tested rapidly to prevent

Constant voltage : 2.0 Volts
 Direction: CW

At No Load
 Speed: 2200 rpm
 Current: 0.025 A

At stall (Extrapolated)
 Torque: 11.0 g-cm
 Current: 0.14 A

At maximum efficiency
 Efficiency: 45.0 %
 Torque: 3.3 g-cm
 Speed: 1540 rpm
 Current: 0.06 A
 Output: 0.05 W

At maximum Power output
 Output: 0.06 W
 Torque: 5.5 g-cm
 Speed: 1100 rpm
 Current: 0.08 A

Issued by QA Reliability Testing Center

COMPUTER PRINT-OUT
 NOMINAL MOTOR CURVES

Performance and characteristics are measured based on limited motor samples only

客 户:

Model 型号: WRF-300CA-08430-18.5

Sample No 样机编号: A091207-0

1. Standard Operating Conditions: 工作条件

- | | |
|--|---|
| 1-1 Rated Voltage
额定电压: | ±2VDC constant between motor terminals
马达端子电压 ±2V 直流电压 |
| 1-2 Direction of Rotation
旋转方向: | CW when viewed from output shaft side
CW 从出力轴端观察 |
| 1-3 Operating Temperature and Humidity
工作温度及湿度: | Temperature range of -10°C~+50°C, Humidity range of 30%~80%
温度范围是-10°C~+50°C 湿度范围是 30%~80% |
| 1-4 Storage Temperature:
贮藏温度: | Temperature range of -20°C~+60°C
温度范围是-20°C~+60°C |

2. Test Conditions 测试条件:

- | | |
|---|---|
| 2-1 Motor Position:
马达放置位置 | To be place horizontally when measuring
测试时水平放置 |
| 2-2 Power Supply
电源 | Regulated DC power supply
直流稳压电源 |
| 2-3 Environmental Temperature and Humidity
环境温度及相对湿度 | Temperature range of 15°C to 30°C
温度范围: 15°C~30°C
Relative humidity 30%and 70%
相对湿度: 30%~70% |

3. Electrical Characteristics (at initial stage after 30 seconds run-in)电气性能:

- | | |
|------------------------------------|---|
| 3-1 No Load Current:空载电流 | 28mAmax. |
| 3-2 No Load Speed:空载转速 | 2200±20rpm. |
| 3-3 At Stall Current:堵转电流 | 150mAmax |
| 3-4 At Stall Torque:堵转力矩 | 2.1cm Min |
| 3-5 Motor Performance Curve 马达特性曲线 | Attached motor characteristics curve
附马达特性曲线 |

4. Mechanical Characteristics:机械性能

- | | |
|----------------------------|---------------------------------|
| 4-1 External Appearance:外形 | Attached Outline Drawing 附马达外形图 |
| 4-2 Shaft End Play:轴向窜动 | 0.05-0.50mm |

Prepared by 编制 _____ Checked by 审核 _____ Approved by 批准 _____