

## B96A1M

Output Power 输出功率: 1000W~6000W

Weight 重量: 5.7Kg (Approx.)

### Directly Drive Brushless DC Motor (DD BLDC)-Typical Application

#### 直驱无刷直流电机-典型应用

Underwater Propeller, UAV Propeller, Motorboat Propeller, Small Surface Vessel Propeller

水下推进器, 无人机推进器, 摩托艇推进器, 小型水面船舶推进器

Automotive Parts 汽车部件

Industry Facility Power Plant 工业设备动力装置

Medical Equipment Power Plant 医疗设备动力装置

Power Tool Application 电动工具应用



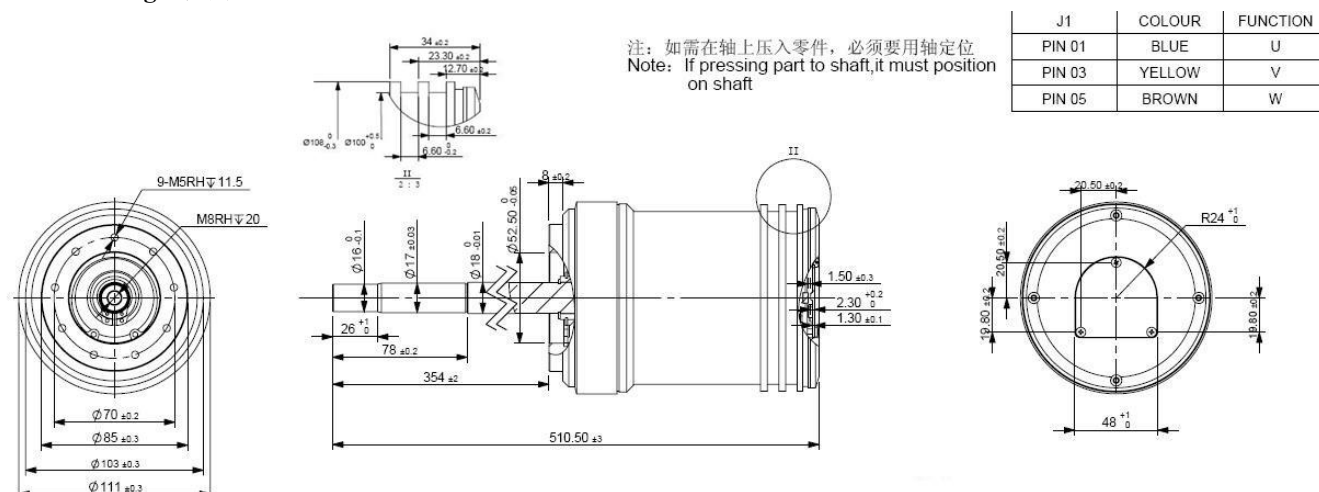
| Model<br>型号 | Voltage(V) 电压   |       | No Load 空载  |             | Rated Load 额定负载 |             |             |               | Stall 堵转    |             |
|-------------|-----------------|-------|-------------|-------------|-----------------|-------------|-------------|---------------|-------------|-------------|
|             | Operating Range | Rated | Speed (rpm) | Current (A) | Torque (Nm)     | Speed (rpm) | Current (A) | Output P. (W) | Torque (Nm) | Current (A) |
| B96A1M-S01  | 42-54           | 48    | 3607        | 9.40        | 8.0             | 2713        | 58.3        | 2275          | 32          | 85          |
| B96A1M-S02  | 42-54           | 48    | 7575        | 9.18        | 4.9             | 5949        | 84.8        | 3055          | 23          | 85          |
| B96A1M-S03  | 42-54           | 48    | 5171        | 7.00        | 11              | 3310        | 115         | 4080          | 46          | 150         |

**Characteristic:** CW & CCW, Signal function available, Locked rotor protection, Stepless speed regulation, Low noise, Low EMI, Long life 10000-50000hrs  
**特征:** 双转向, 信号功能, 锁定保护, 无极调速, 低噪音, 低电磁干扰, 超长寿命 10000-50000 小时

**Notice:** Data in this typical specification sheet are for other certain customer, the specific BLDC motor performance and dimension can be changed by adjusting winding, magnetic field, controller parameter and relevant mechanical factor to meet different customer requirement.

**注意:** 上述规格仅针对特定客户, 对于您的特殊要求, 可以通过调整绕组、磁场、控制参数和相关机械参数来达到您的不同要求。

#### Outline Drawing 外形图:



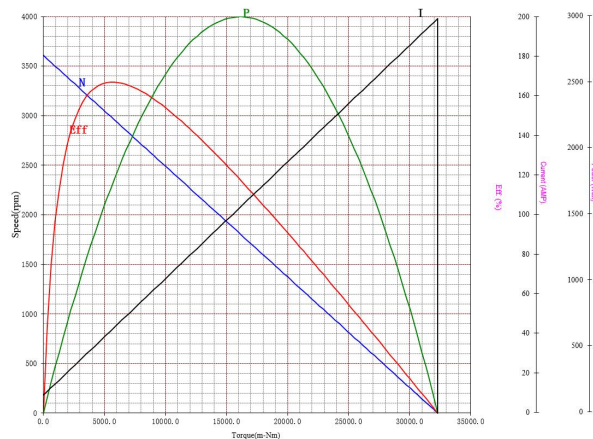
Usable machine screw length 8.0mm max. from motor mounting surface

Unit: Millimeter

#### Performance Curve 性能曲线:

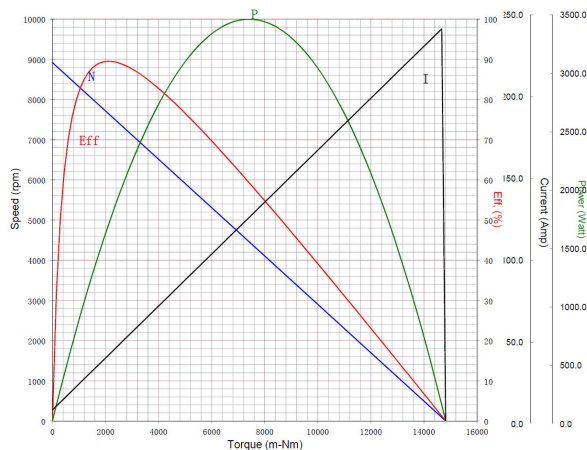
B96A1M-S01

48V



B96A1M-S02

48V



地址: 广东省深圳市宝安区福海新田大道福宁高新产业园 A 栋、F 栋

Address: Building A & F, Funing Hi-Tech Park, Xintian Road, Fuhai, BaoAn District, Shenzhen, Guangdong Province, China

电话 Tel: 86-755-29169191, 29169292 传真 Fax: 86-755-29169007 邮箱 Email: sales@hengdrive.com 网址 Http://www.hengdrive.com