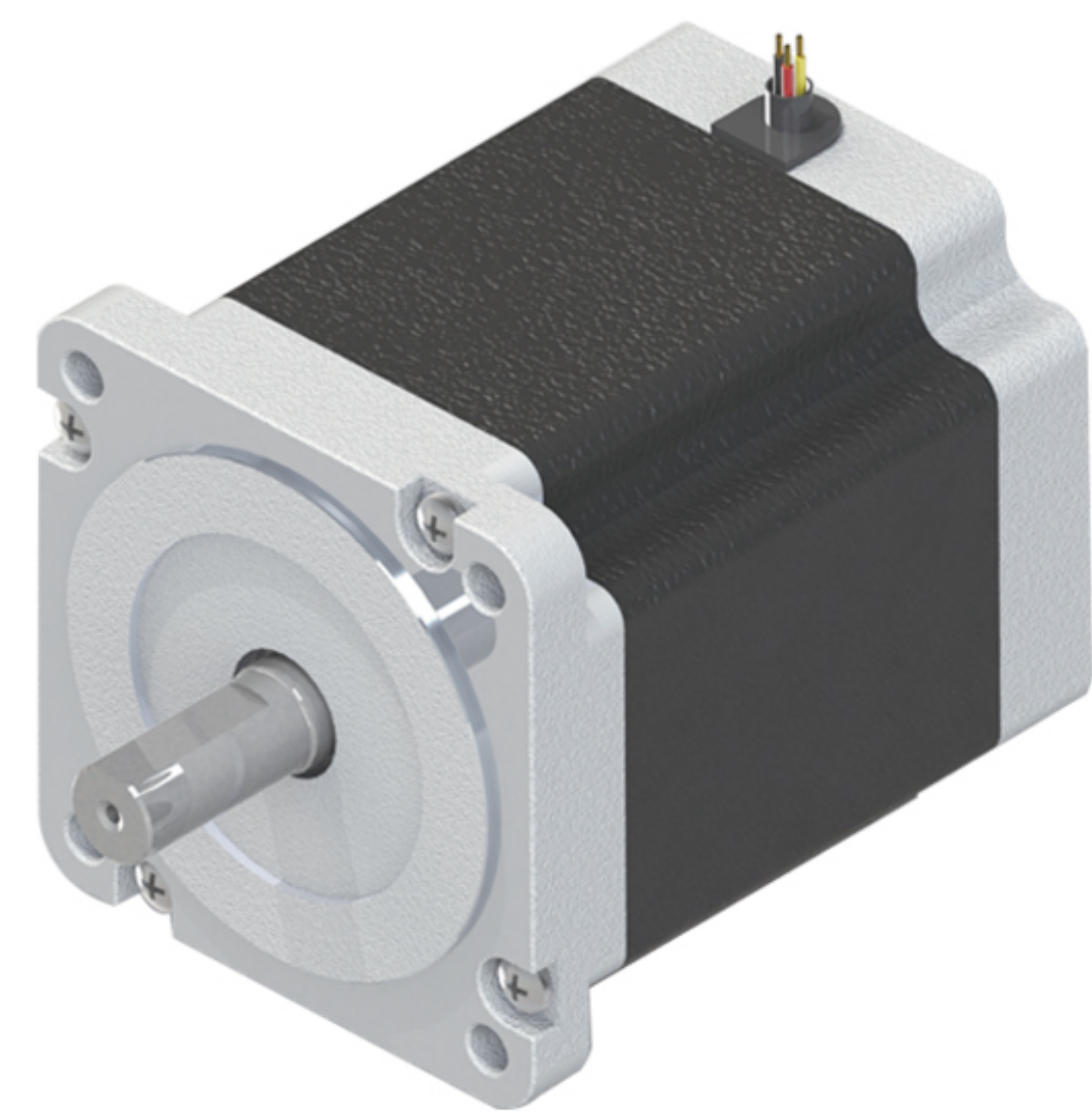


# 86H3F系列步进电机

## 86H3F stepping motor

|                               |                           |
|-------------------------------|---------------------------|
| 步距角<br>Step Angle             | 1.2°                      |
| 绝缘电阻<br>Insulation Resistance | 500V DC 100MΩ Min         |
| 绝缘强度<br>Dielectric Strength   | 1000V AC 50Hz 2mA 1Minute |
| 环境温度<br>Ambient Temperature   | -20~+40°C                 |
| 温升<br>Temperature Rise        | 80K Max                   |
| 绝缘等级<br>Insulation Class      | B                         |

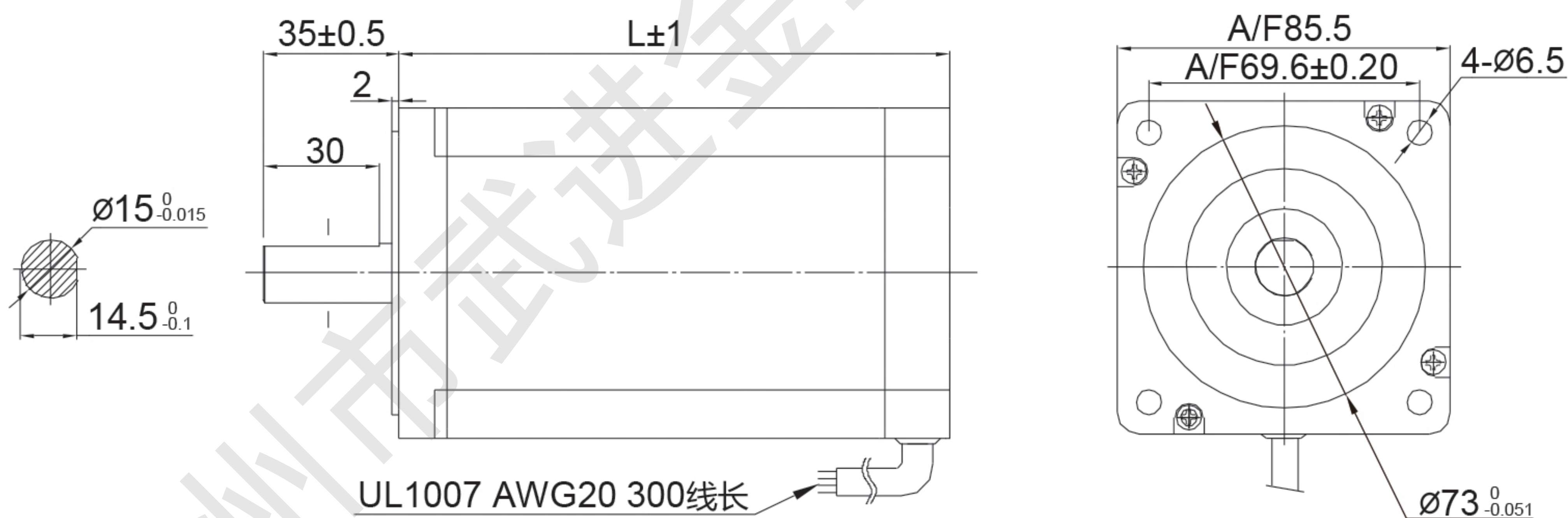


### 产品性能参数(Electrical specification):

| 型号           | 机身长度 | 额定电压 | 额定电流 | 绕组电参数<br>@20°C Typ. |      | 静力矩  |     | 转子惯量 |       | 电机质量              |                    |
|--------------|------|------|------|---------------------|------|------|-----|------|-------|-------------------|--------------------|
|              | mm   |      |      | V                   | Amps | Ohms | mH  | N.m  | oz-in | g.cm <sup>2</sup> | oz-in <sup>2</sup> |
| 86H3F67-303  | 67   | 6.9  | 3.0  | 2.3                 | 8.4  | 2.8  | 400 | 1100 | 6     | 1.6               | 3.5                |
| 86H3F67-503  |      | 4.0  | 5.0  | 0.8                 | 2.4  | 2.8  | 400 | 1100 | 6     | 1.6               | 3.5                |
| 86H3F97-303  | 97   | 7.5  | 3.0  | 2.5                 | 12   | 5.3  | 750 | 1850 | 10    | 2.7               | 6                  |
| 86H3F97-503  |      | 4.0  | 5.0  | 0.8                 | 3.2  | 5.0  | 710 | 1850 | 10    | 2.7               | 6                  |
| 86H3F126-303 | 126  | 9.9  | 3.0  | 3.3                 | 17   | 6.8  | 960 | 2750 | 15    | 3.8               | 8.4                |
| 86H3F126-503 |      | 5.0  | 5.0  | 1.0                 | 4.8  | 6.8  | 960 | 2750 | 15    | 3.8               | 8.4                |

以上产品可根据客户要求定制。  
Above Products can be customized according to customer requirement.

### 外形尺寸 (Dimension):



### 运行矩频特性 (Torque-frequency Characteristic):



注意：装配时，须保证电机轴和负载轴的同轴，严禁敲打，以免损坏电机。  
Note: When installing the motor, must ensure that the motor shaft and load shaft concentric, never hit it, so as not to damage the motor.