

OE86HSGN 混合式步进齿轮电机 / 86 HSGN Stepper motor with Gearbox

基本性能/Genaral Specification:

|                                                           |                   |      |               |
|-----------------------------------------------------------|-------------------|------|---------------|
| 内齿圈材料                                                     | Housing Material  | 金属   | Metal         |
| 输出轴轴承形式                                                   | Bearing at Output | 滚动轴承 | Ball Bearings |
| 最大允许径向负载（离法兰 12mm 处）<br>Max.Radial Load(12mm from flange) | ≤350N             |      |               |
| 最大允许轴向负载 Max.Shaft Axial Load                             | ≤100N             |      |               |

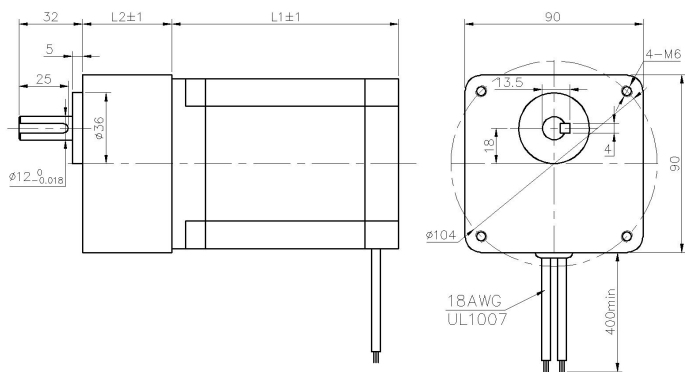
电机规格/Electrical Specification:

| 型号<br>Model No. | 步距角<br>Step Angle | 长度<br>Motor Length | 电流<br>Current /Phase | 电阻<br>Resistance /Phase | 电感<br>Inductance /Phase | 静转矩<br>Holding Torque | 引线数<br># of Leads | 定位转矩<br>Detent Torque | 转子惯量<br>Rotor Inertia | 重量<br>Mass |
|-----------------|-------------------|--------------------|----------------------|-------------------------|-------------------------|-----------------------|-------------------|-----------------------|-----------------------|------------|
|                 | ( ° )             | (L)mm              | A                    | Ω                       | mH                      | N.m                   | No.               | Kg.cm                 | g.cm <sup>2</sup>     | Kg         |
| OE86HS68-3004   | 1.8               | 68                 | 3.0                  | 1.2                     | 7.1                     | 3.5                   | 4                 | 0.8                   | 1000                  | 1.7        |
| OE86HS68-2808   | 1.8               | 68                 | 2.8                  | 1.4                     | 3.9                     | 2.4                   | 8                 | 0.8                   | 1000                  | 1.7        |
| OE86HS78-5504   | 1.8               | 78                 | 5.5                  | 0.46                    | 4                       | 4.6                   | 4                 | 1.2                   | 1400                  | 2.3        |
| OE86HS78-4208   | 1.8               | 78                 | 4.2                  | 0.75                    | 3.4                     | 4.6                   | 8                 | 1.2                   | 1400                  | 2.3        |
| OE86HS115-6004  | 1.8               | 115                | 6.0                  | 0.6                     | 6.5                     | 8.7                   | 4                 | 2.4                   | 2700                  | 3.8        |
| OE86HS115-4208  | 1.8               | 115                | 4.2                  | 0.9                     | 6                       | 8.7                   | 8                 | 2.4                   | 2700                  | 3.8        |
| OE86HS155-6204  | 1.8               | 155                | 6.2                  | 0.75                    | 9                       | 12.2                  | 4                 | 3.6                   | 4000                  | 5.4        |
| OE86HS155-4208  | 1.8               | 155                | 4.2                  | 1.25                    | 8                       | 12.2                  | 8                 | 3.6                   | 4000                  | 5.4        |

减速箱规格/Gearbox Specifications

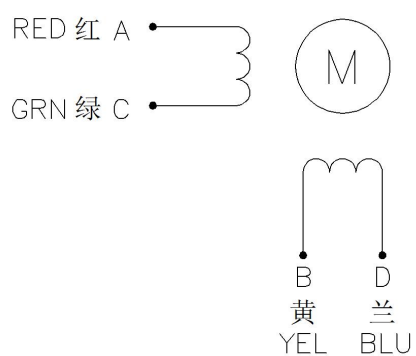
|                             |       |   |     |    |    |    |    |    |    |    |    |    |     |     |     |     |
|-----------------------------|-------|---|-----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|
| Ratio 减速比                   | 3     | 5 | 7.5 | 10 | 15 | 18 | 20 | 25 | 30 | 50 | 60 | 75 | 100 | 120 | 150 | 200 |
| Number of gear trains<br>级数 | 1     |   |     |    |    |    | 2  |    |    |    | 3  |    |     |     |     |     |
| Length(L) mm 齿 轮 箱<br>厚度    | 42&60 |   |     |    |    |    | 60 |    |    |    |    |    |     |     |     |     |
| Rated Torque 额定转矩           | 30N.m |   |     |    |    |    |    |    |    |    |    |    |     |     |     |     |
| Peak Torque 极限转矩            | 45N.m |   |     |    |    |    |    |    |    |    |    |    |     |     |     |     |

Dimensions:(电机外型图)  
(Unit=mm)



## Wiring Diagram:(接线图)

4 LEADS



8 LEADS

