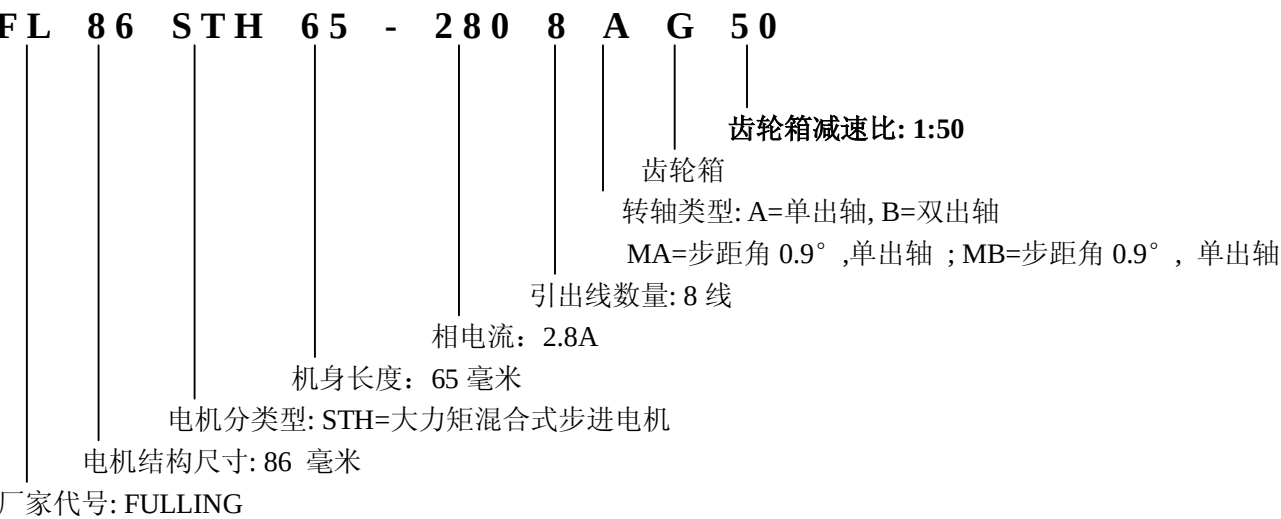
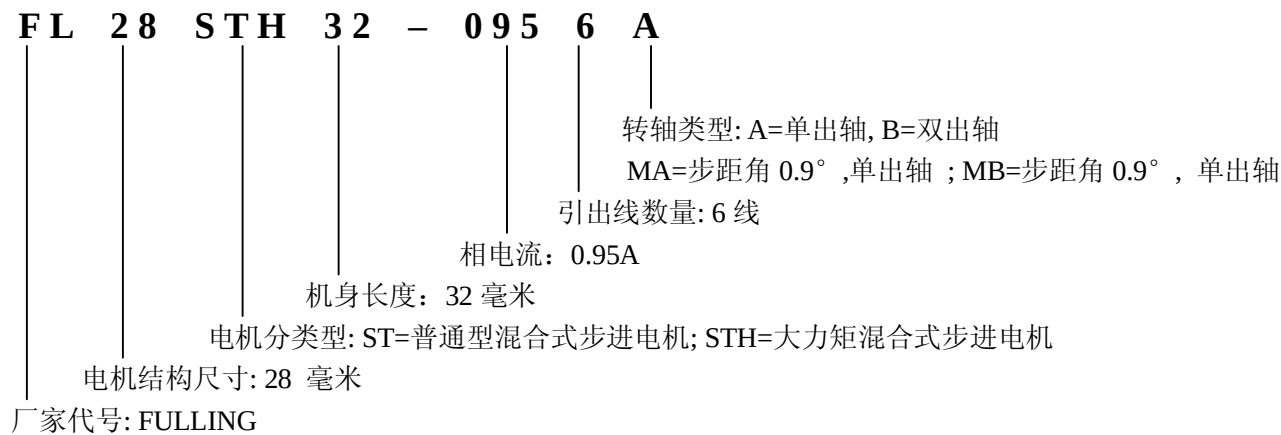
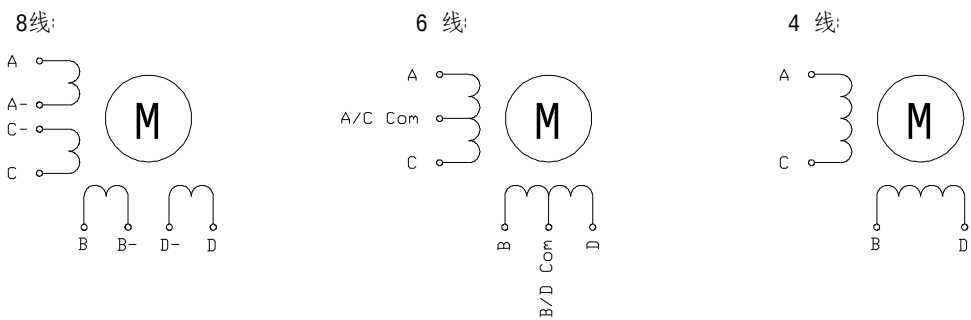


## ● 产品型号说明

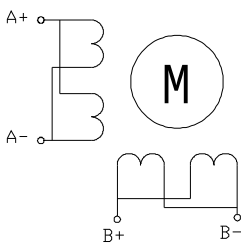


## ● 电气原理图

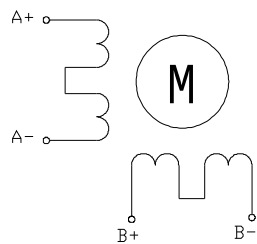


### 8 线接线方法:

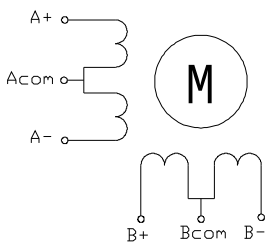
#### 1. 双机性并联



#### 2. 双机性串联



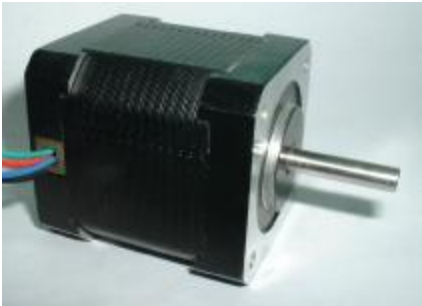
#### 3. 单极性



0.9° 42mm 大力距混合式步进电机

A10

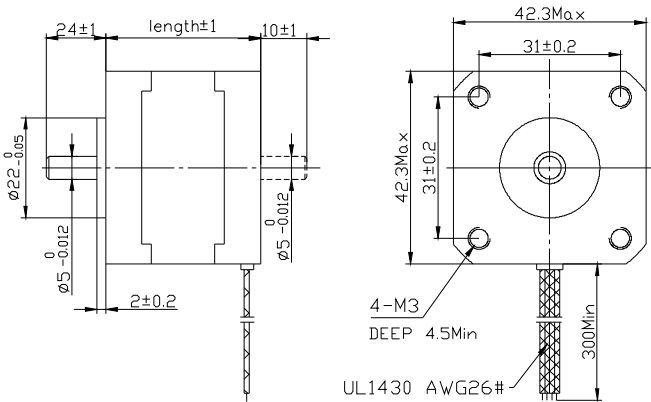
| 项目     | 技术参数                   |
|--------|------------------------|
| 步距角    | 0.9°                   |
| 步距角精度  | ± 5% (整步, 空载)          |
| 电阻精度   | ± 10% (@20°C)          |
| 电感精度   | ± 20% (1kHz)           |
| 温升     | 80° C Max.(额定电流,2 相通电) |
| 环境温度   | -20° C~+50° C          |
| 绝缘电阻   | 100M Ω Min. ,500VDC    |
| 耐压     | 500VAC 一分钟             |
| 径向间隙   | 0.02Max. (450 g 负载)    |
| 轴向间隙   | 0.08Max. (450 g 负载)    |
| 径向最大负载 | 28N (距法兰面 20mm)        |
| 轴向最大负载 | 10N                    |



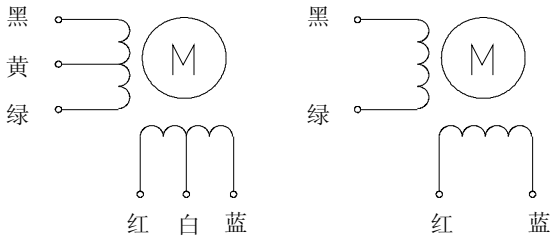
I 42mm 大力距混合式步进电机技术参数

| 型号.              |                  | 额定电压 | 电流 /相 | 电阻 /相 | 电感 /相 | 静力矩   | 引出线 | 转动惯量              | 重量   | 定位力矩 | 机身长度 |
|------------------|------------------|------|-------|-------|-------|-------|-----|-------------------|------|------|------|
| 单轴               | 双轴               | V    | A     | Ω     | mH    | Kg-cm |     | g-cm <sup>2</sup> | kg   | g-cm | mm   |
| FL42STH33-0956MA | FL42STH33-0956MB | 4    | 0.95  | 4.2   | 4     | 1.58  | 6   | 35                | 0.22 | 200  | 33.5 |
| FL42STH33-0606MA | FL42STH33-0606MB | 6    | 0.6   | 10    | 11    | 1.58  | 6   |                   |      |      |      |
| FL42STH33-0316MA | FL42STH33-0316MB | 12   | 0.31  | 38.5  | 33    | 1.58  | 6   |                   |      |      |      |
| FL42STH33-1334MA | FL42STH33-1334MB | 2.8  | 1.33  | 2.1   | 4.2   | 2.2   | 4   |                   |      |      |      |
| FL42STH38-1206MA | FL42STH38-1206MB | 4    | 1.2   | 3.3   | 4.1   | 2.59  | 6   | 54                | 0.28 | 220  | 39.5 |
| FL42STH38-0806MA | FL42STH38-0806MB | 6    | 0.8   | 7.5   | 8.3   | 2.59  | 6   |                   |      |      |      |
| FL42STH38-0406MA | FL42STH38-0406MB | 12   | 0.4   | 30    | 30    | 2.59  | 6   |                   |      |      |      |
| FL42STH38-1684MA | FL42STH38-1684MB | 3.0  | 1.68  | 1.8   | 4.1   | 3.3   | 4   |                   |      |      |      |
| FL42STH47-1206MA | FL42STH47-1206MB | 4    | 1.2   | 3.3   | 4.9   | 3.17  | 6   | 68                | 0.35 | 250  | 47.5 |
| FL42STH47-0806MA | FL42STH47-0806MB | 6.8  | 0.8   | 8.5   | 10    | 3.17  | 6   |                   |      |      |      |
| FL42STH47-0406MA | FL42STH47-0406MB | 12   | 0.4   | 30    | 43    | 3.17  | 6   |                   |      |      |      |
| FL42STH47-1684MA | FL42STH47-1684MB | 3.0  | 1.68  | 1.8   | 5.0   | 4.4   | 4   |                   |      |      |      |

尺寸



接线图

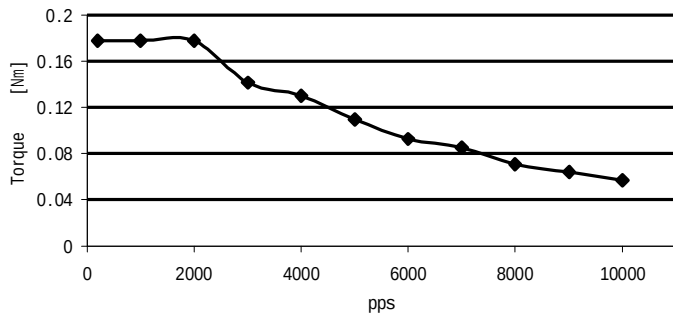


# I 距频曲线

# A11

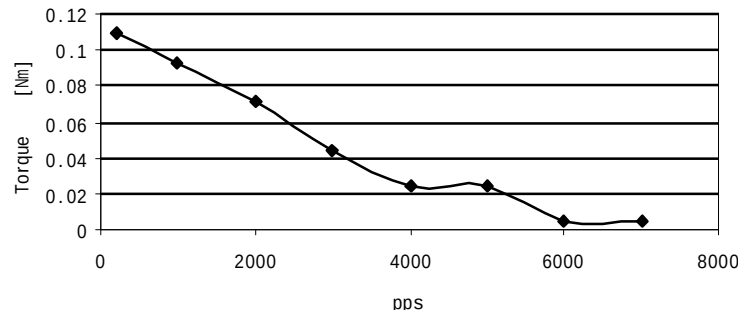
FL42STH33-0956MA

VM: 24VDC; 1.00A /相 驱动器: M325,整步



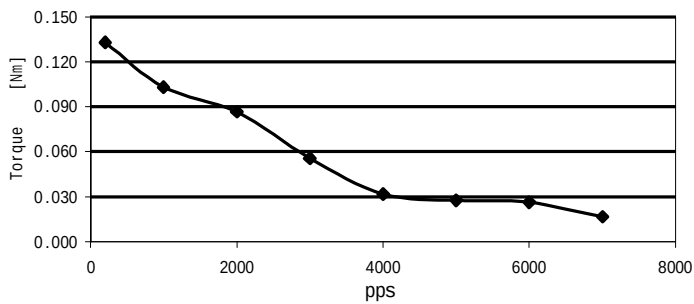
FL42STH33-0606MA

VM: 24VDC; 0.6A /相 驱动器: M415B,整步



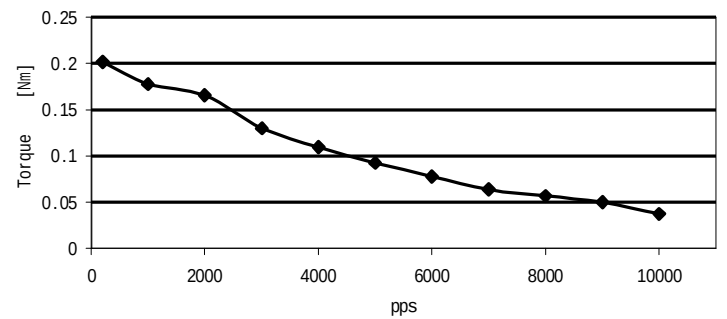
FL42STH33-0316MA

VM: 24VDC; 0.31A /相 驱动器: M325,整步



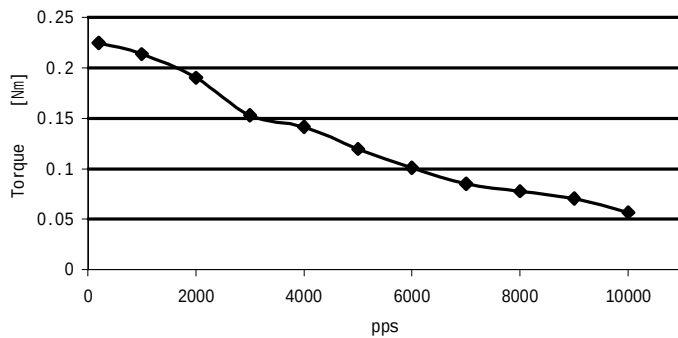
FL42STH33-1334MA

VM: 24VDC; 1.27A /相 驱动器: HA335,整步



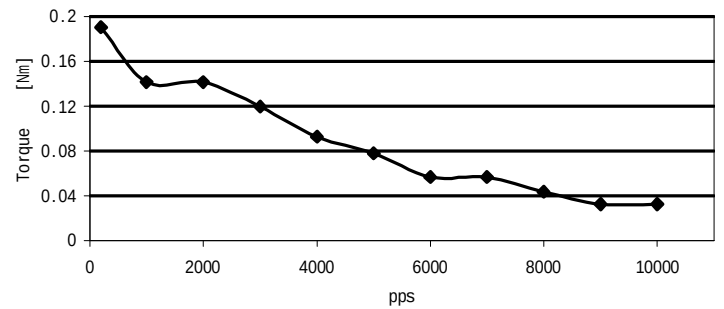
FL42STH38-1206MA

VM: 24VDC; 1.2A /相 驱动器: HA335,整步



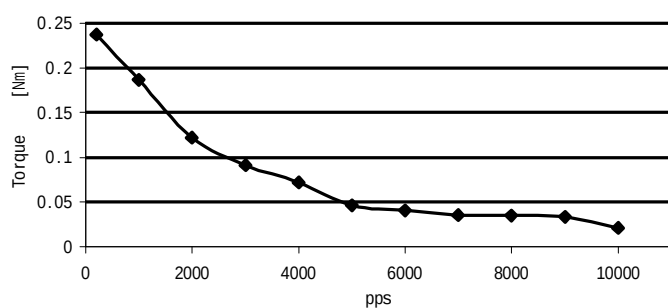
FL42STH38-0806MA

VM: 24VDC; 0.78A /相 驱动器: M325,整步



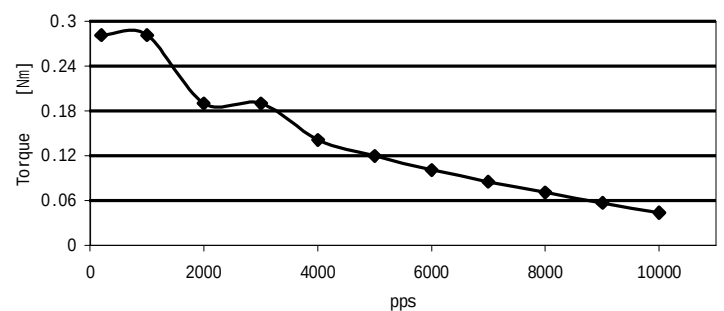
FL42STH38-0404MA

VM: 24VDC; 0.4A /相 驱动器: M325,整步



FL42STH38-1684MA

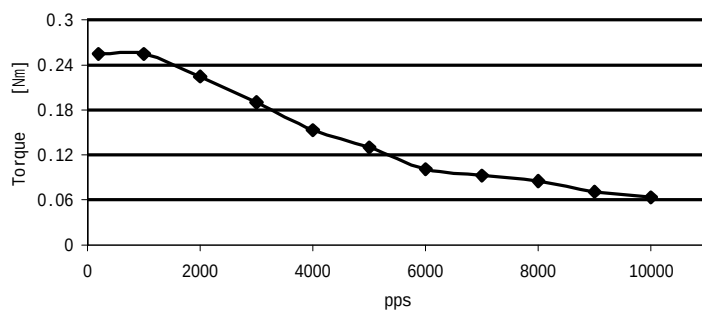
VM: 24VDC; 1.68A /相 驱动器: HA335,整步



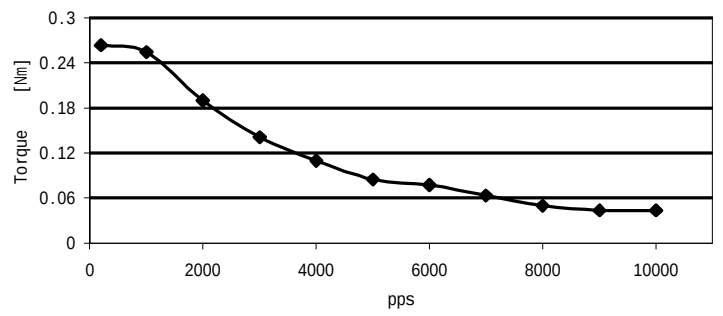
# I 距频曲线

# A12

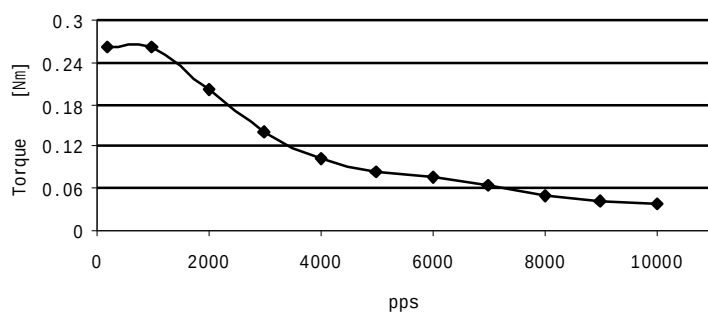
FL42STH47-1206MA  
VM: 24VDC; 1.2A /相 驱动器: HA335, 整步



FL42STH47-0806MA  
VM: 24V; 0.84A /相 驱动器: HA335, 整步



FL42STH47-0406MA  
VM: 24VDC; 0.4A /相 驱动器: M325, 整步



FL42STH47-1684MA  
VM: 30VDC; 1.77A /相 驱动器: HA335, 整步

