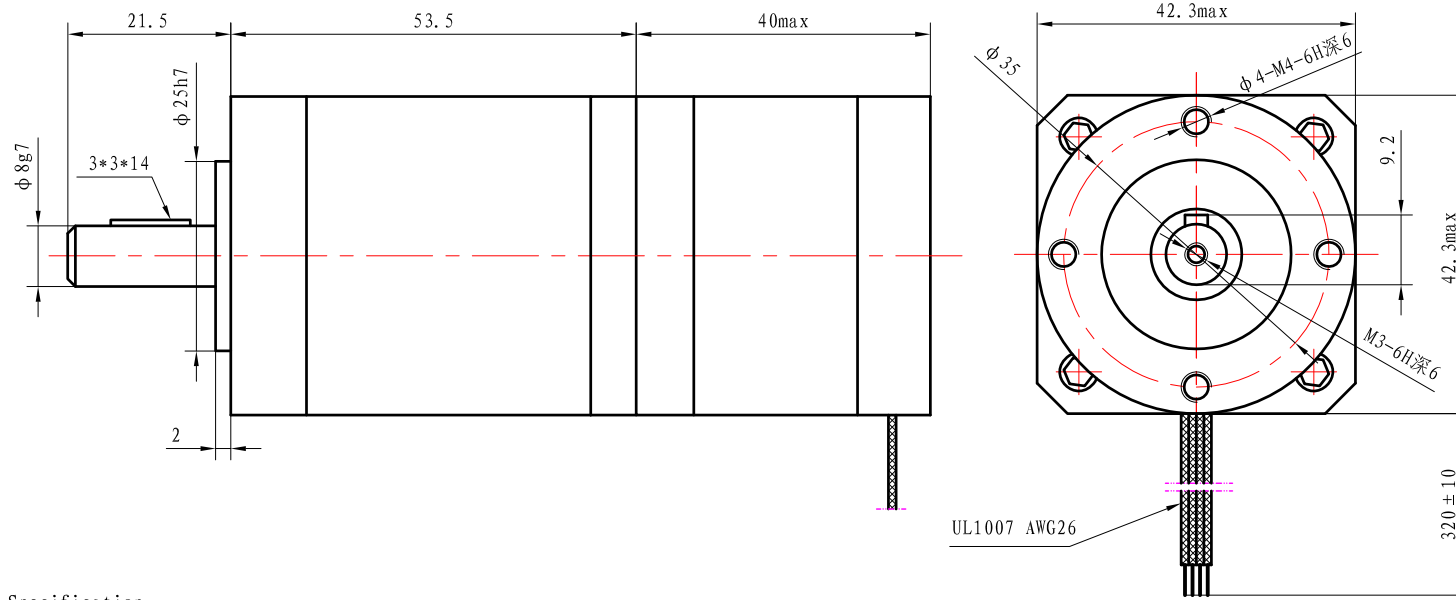
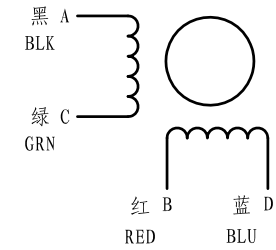


FT3.162.



接线图
Wiring diagram



规格 Specification

1. 步距角 Step angle	1.8° ± 5%
2. 相数 Number of phase	2
3. 额定电压 Rated voltage	2.8 V DC
4. 额定电流 Rated current	1.68 Amp
5. 保持力矩 Holding torque	390mN.m
6. 定位力矩 Detent torque	15mN.m
7. 相电阻 Phase resistance	1.65ohm ± 10% (At 20°C)
8. 相电感 Phase inductance	3.2mH ± 20%
9. 转子惯量 Rotor inertia	57g.cm ²
10. 电机重量 Motor weight	0.9kg
11. 绝缘电阻 Insulation resistance	100MΩmin. (500V DC)
12. 绝缘等级 Insulation class	Class B

减速箱规格 Gear box specification

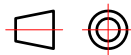
1. 减速比 Exact reduction ratio	15 : 1
2. 减速级数 Number of gear trains	2
3. 效率 Efficiency	92%
4. 最大额定输出力矩 Max permissible torque	15N.m
5. 瞬间允许最大输出力矩 Moment permissible torque	25N.m
6. 回差 Arcmin	25
7. 额定输入转速 (rpm) Rated Input Rotation Rate	3000
8. 最大输入转速 (rpm) Maximum Input Speed	5000

励磁顺序和旋转方向
Excitation sequence and direction of rotation

PHASE STEP	A	B	C	D
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
4	+	-	-	+

从安装面看为顺时针方向
seen from the mounting surface,
it is clockwise

单位 Unit: 毫米 mm
第一视角画法
First angle method
未注线性与角度尺寸公差
Unlabeled Linear and angular dimensions tolerances
GB/T1804-m eqv ISO2768-1:m
未注形状与位置尺寸公差
Unlabeled shape and position tolerance
GB/T 1184-K eqv ISO2768-2:K



批准 Approved
标准化 Standard
工艺 Technology
审核 Check
设计 Design

广州福得电子科技有限公司
GUANGZHOU FUDE ELECTRONIC TECHNOLOGY CO.,LTD

HYBRID STEPPING MOTOR
TYPE: 42SHD4229-15PL

REV.	版本记录 REVISION RECORD	DATE	UNLESS OTHERWISE SPECIFIED	NAMES	SIGNATURE	DATE	REV. A	SCALE 1:1	SHEET 1 of 1
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