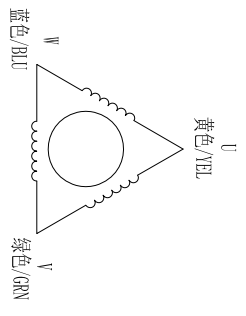


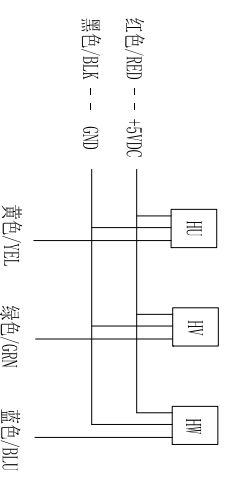
Gear Ratio	40:1
Output Torque	10.8N·m/70rpm
Allowable Maximum Bearing Capacity	30N·m

3x Winding Wires-3286# 20AWG
 5x Hall Wires-1007# 26AWG
 套 PVC 管 250mm
 2x Brake Wires

Winding diagram



Hall Sensor Wiring Diagram



Motor Specification	
Number of phase	3
Number of Poles	8
Rated Voltage	24V DC
Rated Speed	3000rpm
Rated Torque	0.3N·m
Rated Power	94W
Rated Current	5.5A
Peak Current	16.7A
Peak Torque	0.9N·m
Resistance	0.6±10% Ω
Inductance	0.34±20% mH
Torque Constant	0.106Nm/A
Voltage Constant	10.6V/RRPM
Rotor Inertia	0.14Kg·cm ²
Weight	0.6Kg
Insulation Class	Class B
Dielectric Strength	500VDC for one minute
Insulation Resistance	500MΩ Min., 500VDC

CONFIRMED/ACCEPTED BY CUSTOMER (客户确认/接受)											
COMPANY SIGNATURE (盖章/签名)											
一般公差 TOLERANCE	±0.5/±3°	版本REV.	日期	DATE	变更	内容	REVISION	RECORD	设计BY	备注	NOTE
设计/DESIGNED	Lu	2019.10.09							BRUSHLESS	DC	MOTOR
审核/CHECKED					比例	SCALE	1:1		www.MotionKing.com		
批准/APPROVE					单位	UNIT	mm		MOTIONKING MOTOR		
										REV. A	
										第一角画法 FIRST ANGLE METHOD	
										SHEET 张 1 / 1	

MODEL

42BLDC85AF-230-PG40