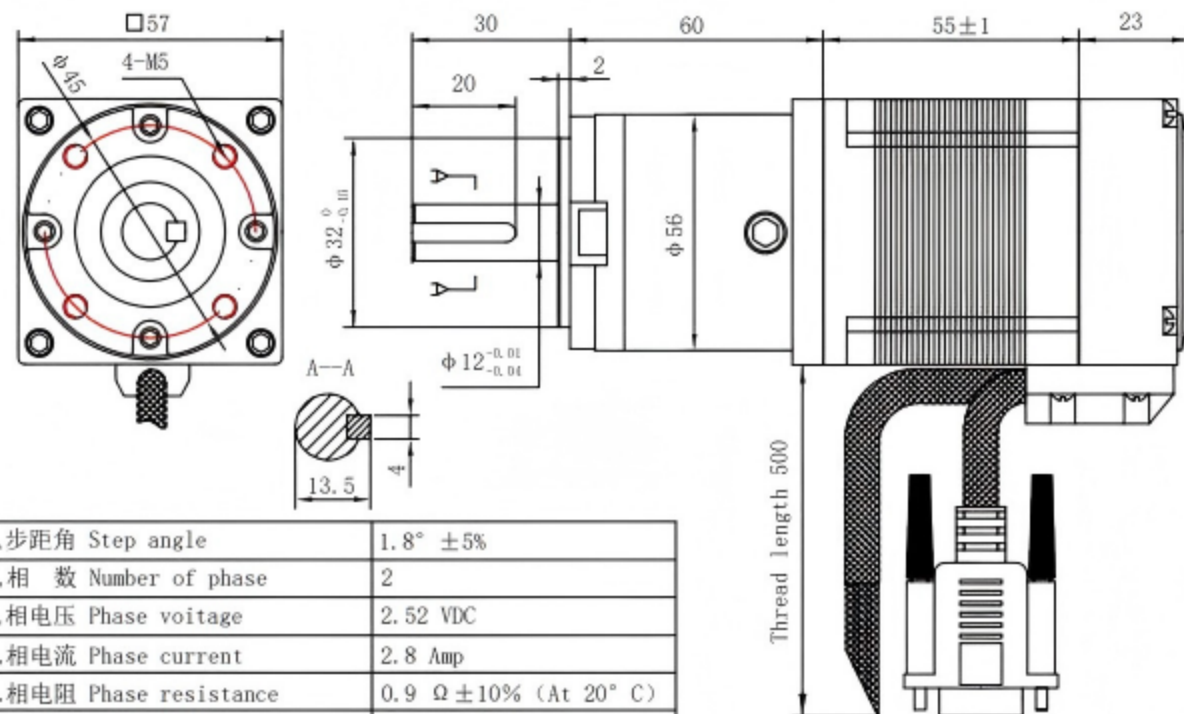
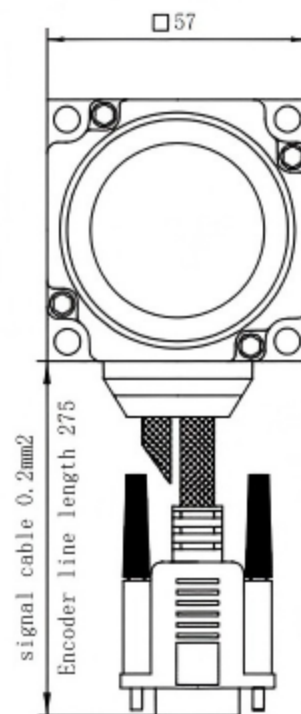


尺寸图 Dimensional drawing



绕线图 Wiring Diagram



Motor wiring diagram

Motor A+	黑 BLK A+
Motor A-	绿 GRN A-
Motor B+	红 RED A-
Motor B-	蓝 BLU A-
编码器 Optical Encoder	
Pulse	1000 Lines
Describe	Colour
Psu +5V	+5V 红 RED
Grounding	GND 白 WHT
Encoder A+	EA+ 黑 BLK
Encoder A-	EA- 蓝 BLU
Encoder B+	EB+ 黄 YEL
Encoder B-	EB- 绿 GRN

1.步距角 Step angle	1.8° ±5%
2.相数 Number of phase	2
3.相电压 Phase voltage	2.52 VDC
4.相电流 Phase current	2.8 Amp
5.相电阻 Phase resistance	0.9 Ω ±10% (At 20° C)
6.相电感 Phase inductance	2.5 mH ±20%
7.静力矩 Static moment	1.26 N.m
8.绝缘等级 Insulation class	Class B
9.绝缘电阻 Insulation resistance	100MΩ min. (500V DC)
10.环境温度 Ambient temperature	-20° → +50°
11.环境湿度 Ambient hum	15% to 95%
12.电机重量 Motor weight	Approx 0.6 Kg
13.使用电压 Use voltage	VDC:20-48V VAC24-36V
14.推荐驱动器 Recommended drive	OK2D60BH OR OK2D86BH

Thread length 500

signal cable 0.2mm²

Encoder line length 275

备注: 电机端盖白色

减速机级数 Reducer series	Grade 1	Grade 2	Grade 3
减速比 Exact reduction ratio	3.6 4.25	12.96 15.3 18.06	46.66 55.08 65.03 76.77
减速机长度 (L-mm)	48	60	72
额定负载 Rated load	20	30	40
最大负载 Maximum load	40	50	60
效率 Efficiency %	90	80	70
噪音 (DB) Noise	≤60	≤60	≤60
减速机重量 Reducer weight (KG)	0.55	0.75	0.95

工艺 Technology		单位 Unit	mm		DRAWING	OK57DL56EC1-PG15-C1
设计 Design						
审核 Chckc						
批准 Approved	Eric Z	比列 Scale	1: 1			