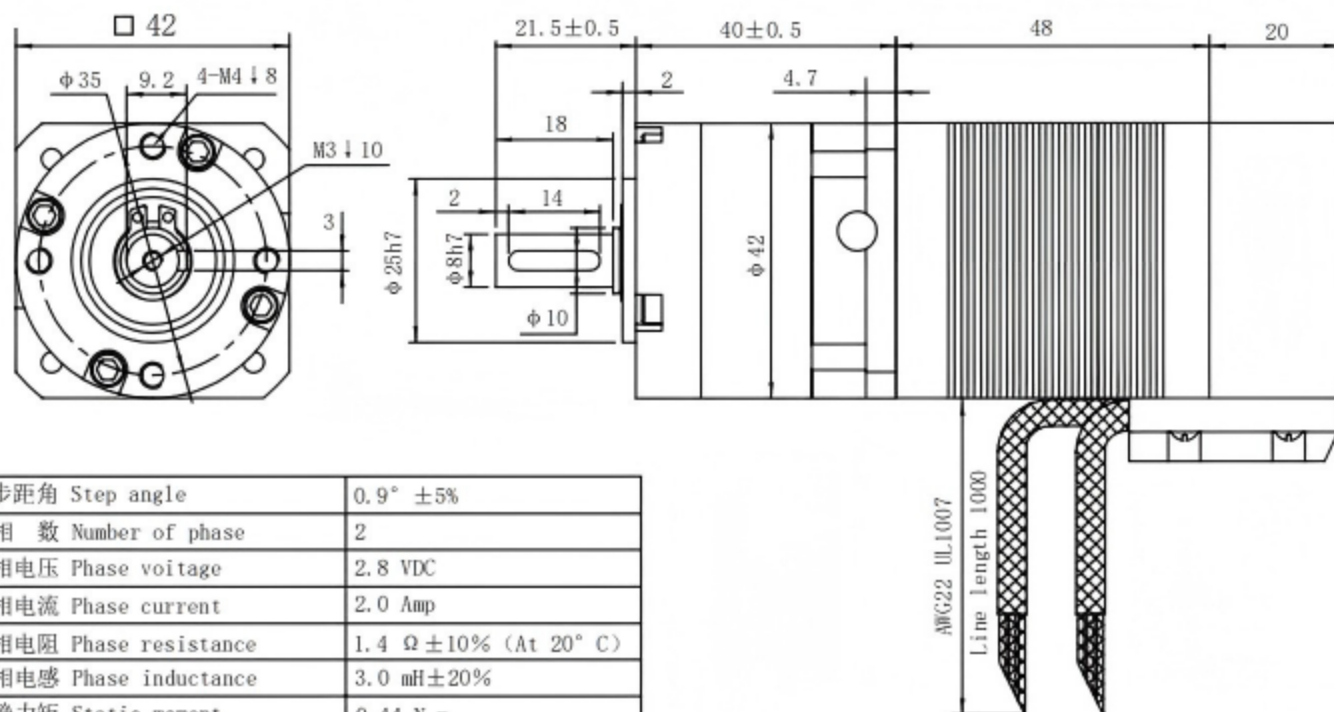
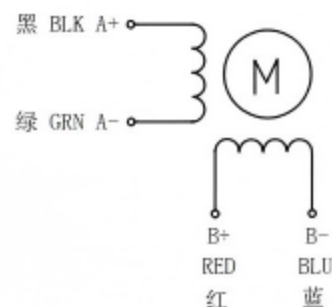


尺寸图 Dimensional drawing



绕线图 Wiring Diagram



1.步距角 Step angle	0.9° ±5%
2.相数 Number of phase	2
3.相电压 Phase voltage	2.8 VDC
4.相电流 Phase current	2.0 Amp
5.相电阻 Phase resistance	1.4 Ω ±10% (At 20° C)
6.相电感 Phase inductance	3.0 mH ±20%
7.静力矩 Static moment	0.44 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 0.5 Kg
13.使用电压 Use voltage	VDC:24-36V
14.推荐驱动器 Recommended drive	OK2D42BH

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

减速机级数 Reducer series	Level 1					Level 2						
减速比 Exact reduction ratio	3	4	5	10	12	16	20	25	35	40	50	70
额定负载 Rated load (N.m)	8	9	9	5	10	10	10	10	10	10	10	10
减速机长度 (L-mm)	40					51						
效率 Efficiency %	96					94						
回差 Arcmin (arcmin)	≤15					≤20						
噪音 (DB) Noise	≤55					≤55						
减速机重量 Reducer weight	0.25					0.35						

工艺 Technology	单位 Unit	mm	DRAWING	42FDM48EC1-IM-PE10G
设计 Design				
审核 Chck				
批准 Approved	Betty Y	比列 Scale 1: 1		