

1.8° 42mm 两相混合式步进电机 1.8° 42mm(NEMA17)2 phase hybrid stepper motor

基本性能/General Specification:

项目(Item)	性能(Specifications)	
步距角(Step Angle)	1.8°	
温 升(Temperature Rise)	80℃max	
环境温度 (Ambient Temperature)	-20℃~+50℃	
绝缘电阻(Insulation Resistance)	100 MΩ Min. ,500VDC	
电气强度(Dielectric Strength):	500VAC for 1minute	
径向间隙(Shaft Radial Play)	0.02Max. (450g-load)	
轴向间隙(Shaft Axial Play)	0.08Max. (450g-load)	
最大径向压力(Max. radial force)	28N (20mm from the flange)	
最大轴向压力(Max. axial force)	10N	

电机规格/Electrical Specifications:

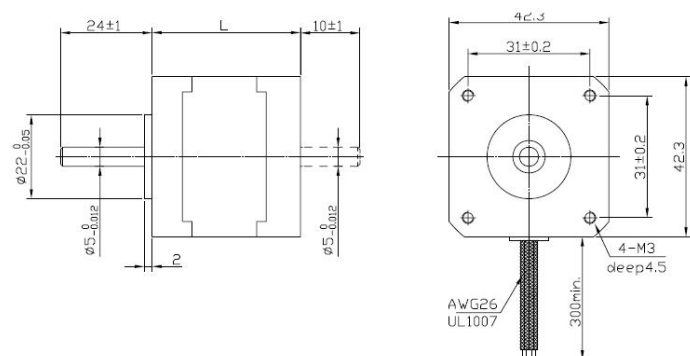
型号 Model No.	步距角 Step Angle	长度 Motor Length	电流 Current /Phase	电阻 Resistance /Phase	电感 Inductance /Phase	静转矩 Holding Torque	引线数 # of Leads	定位转矩 Detent Torque	转子惯量 Rotor Inertia	重量 Mass
	(°)	(L)mm	A	Ω	mH	kg.cm	No.	g.cm	g.cm ²	Kg
OE42HS25-0404	1.8	25	0.4	24	36	1.8	4	75	20	0.15
OE42HS28-0504	1.8	28	0.5	20	21	1.5	4	85	24	0.22
OE42HS34-1334	1.8	34	1.33	2.1	2.5	2.2	4	120	34	0.22
OE42HS34-0406	1.8	34	0.4	24	15	1.6	6	120	34	0.22
OE42HS34-0956	1.8	34	0.95	4.2	2.5	1.6	6	120	34	0.22
OE42HS40-0406	1.8	40	0.4	30	30	2.6	6	150	54	0.28
OE42HS40-1684	1.8	40	1.68	1.65	3.2	3.6	4	150	54	0.28
OE42HS40-1206	1.8	40	1.2	3	2.7	2.9	6	150	54	0.28
OE42HS48-0406	1.8	48	0.4	30	25	3.1	6	260	68	0.35
OE42HS48-1684	1.8	48	1.68	1.65	2.8	4.4	4	260	68	0.35
OE42HS48-1206	1.8	48	1.2	3.3	2.8	3.17	6	260	68	0.35
OE42HS60-0406	1.8	60	0.4	30	39	6.5	6	280	102	0.5
OE42HS60-1704	1.8	60	1.7	3	6.2	7.3	4	280	102	0.5
OE42HS60-120	1.8	60	1.2	6	7	5.6	6	280	102	0.5

以上仅为代表产品，特殊要求产品可根据客户要求订制。

Above only for representative products, products of special request can be made according to the customer request.

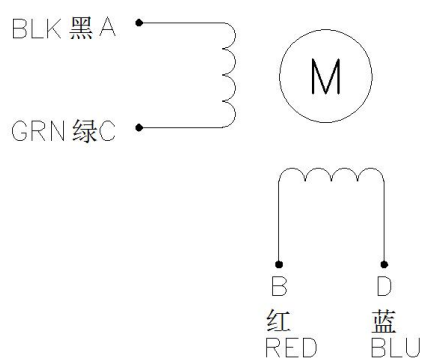
Dimensions:(电机外型图)

(Unit=mm)



Wiring Diagram:(接线图)

4 LEADS



6 LEADS

