

1.8° 42mm 两相混合式步进丝杆电机 42mm 2phase hybrid screw rod 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 Specification:

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	N.m	No.	g.cm	g.cm ²	Kg
OE42HS25-0404	1.8	25	0.4	24	36	1.8	4	75	20	0.15
OE42HS34-1334	1.8	34	1.33	2.1	2.5	2.2	4	120	34	0.22
OE42HS40-1684	1.8	40	1.68	1.65	3.2	3.6	4	150	54	0.28
OE42HS48-1684	1.8	48	1.68	1.65	2.8	4.4	4	260	68	0.35
OE42HS60-1004	1.8	60	1.0	8	13	7.5	4	280	102	0.5

以上仅为代表产品，特殊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.

丝杆规格/Screw rod Specification:

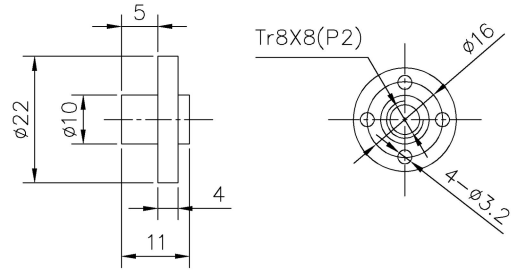
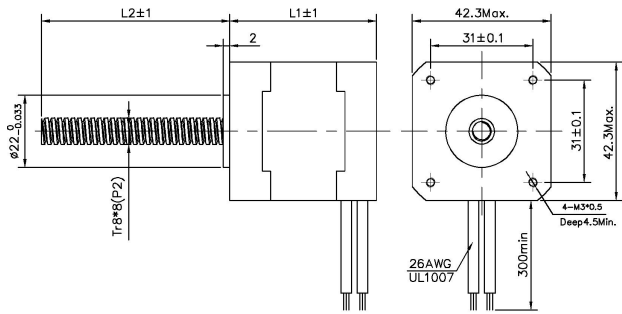
丝杆直径 Screw Diameter (mm)	丝杆导程 Screw Lead (mm)	丝杆螺距 Screw Pitch (mm)	步长 Travel per step (mm)	丝杆直径 Screw Diameter (mm)	丝杆导程 Screw Lead (mm)	丝杆螺距 Screw Pitch (mm)	步长 Travel per step (mm)
Tr5	1	1	0.005	Tr8	8	2	0.04
	2	1	0.01		10	2	0.05
Tr6	2	1	0.01		12	2	0.06
	4	1	0.02		14	2	0.07
	6	1	0.03		2	2	0.01
	12	2	0.06	Tr10	3	1.5	0.015
Tr8	1	1	0.005		4	2	0.02
	2	2	0.01		8	2	0.04
	3	1.5	0.015		10	2	0.05
	4	2	0.02		12	2	0.06

电机外型图/Dimensions:(单位/Unit=mm)

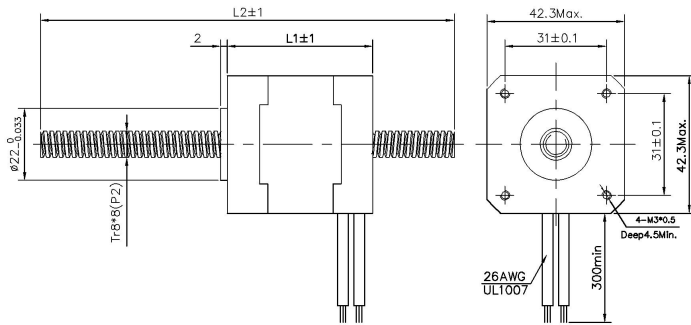
螺母/Nut: 1.POM 螺母/POM Nut

2.铜螺母/Copper Nut

1、 External Shaft motor



2、 Non Captive motor



接线图/Wiring Diagram:

