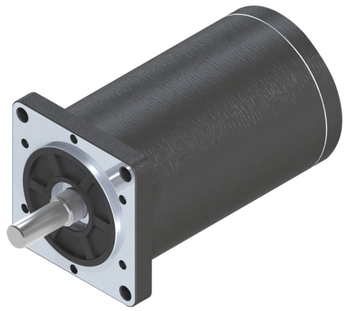
130BYG350系列步进电机
130BYG350 Series stepping motor

步距角 Step Angle	1.2°
绝缘电阻 Insulation Resistance	500V DC 100MΩ Min
绝缘强度 Dielectric Strength	1000V AC 50Hz 2mA 1Minute
环境温度 Ambient Temperature	-20～+40℃
温升 Temperature Rise	80K Max
绝缘等级 Insulation Class	B

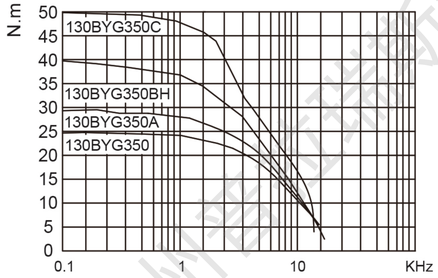


产品性能参数(Electrical specification):

型 号 Model	运行电压 Operating Voltag	额定电流 Rated Current	电阻 Resistance	电感 Inductance	保持转矩 Holding Torque	空载频率 Noload Frequency	起动频率 Starting Frequency	重量 Weight	长度 Length
	VDC	A	Ω	mH	N.m	Hz	Hz	kg	mm
130BYG350	80-325	5	0.68	9.2	25	20000	2600	13.3	173
130BYG350A	80-325	5	0.94	14.8	30	20000	2500	17.8	229
130BYG350BH	80-325	3	1.71	23.6	40	18000	2500	20	257
130BYG350C	80-325	6	1.18	19.4	50	18000	2500	22.5	285

以上产品可根据客户要求定制。
Above Products can be customized according to customer requirement.

运行矩频特性 (Torque-frequency Characteristic):

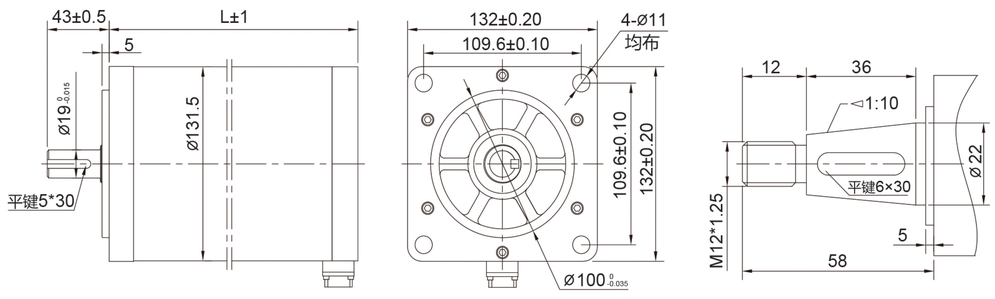


接线图(Wiring Diagram):

七芯插座
Seren Pins socket

U	V	W	PE
1	3	5	7

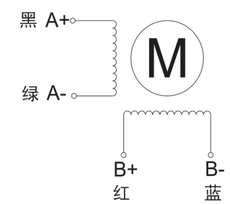
外形尺寸 (Dimension):



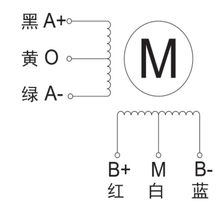
注意：装配时，须保证电机轴和负载轴的同心，严禁敲打，以免损坏电机。
Note: When installing the motor,must ensure that the motor shaft and load shaft concentric,never hit it, so as not to damage the motor.

接线定义与术语

四线电机出线接线定义（双极性）

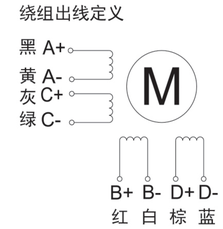


六线电机出线接线定义（单极性）

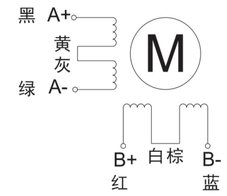


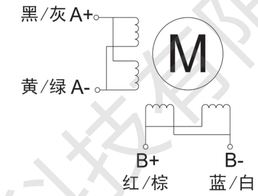
八线电机出线接线定义

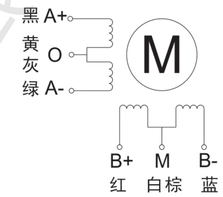
绕组出线定义



绕组接线定义

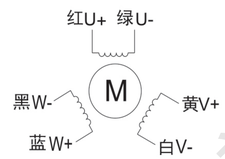


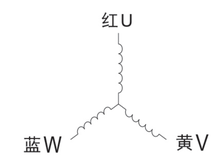




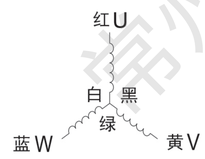
三相电机出线接线定义

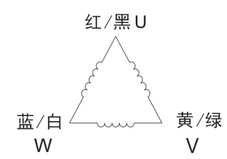
直接出线定义





六线接线定义





通电顺序

双极性驱动

步序	A+	B+	A-	B-
1	+	+	−	−
2	−	+	+	−
3	−	−	+	+
4	+	−	−	+

顺时针 ↓ ↑ 逆时针

单极性驱动

步序	A+	B+	A-	B-	O	M
1	−	−			+	+
2		−	−		+	+
3			−	−	+	+
4	−			−	+	+

顺时针 ↓ ↑ 逆时针

三相驱动

步序	U	V	W
1	+	−	
2		−	+
3	−		+
4	−	+	
5		+	−
6	+		−

顺时针 ↓ ↑ 逆时针

以正对电机上端盖的平面为参考面

常州普拉瑞斯科技有限公司