57HS 1.8° IP65防水步进电机

NEMA 23 1.8°IP65 WATERPROOF STEPPER MOTOR

ZZMOTOR

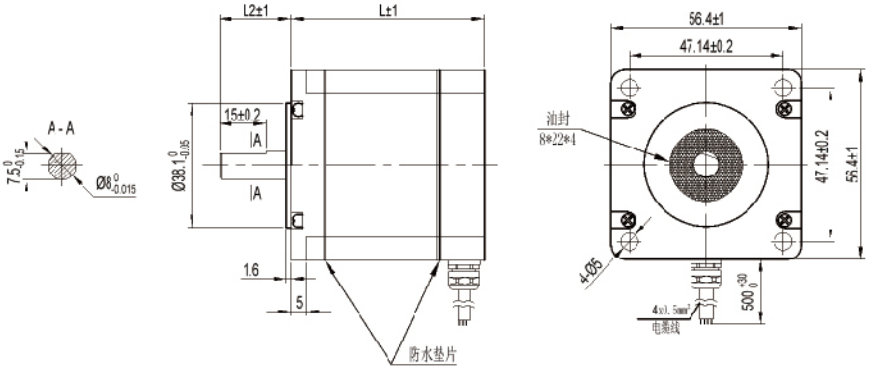
常规参数
GENERAL PARAMETERS

步矩角精度Step Accuracy	±5%(整步无负载, full step, no load)
温升Temperature	50K Max
工作环境温度Ambient Temperature	-20°C~+50°C
绝缘电阻Insulation Resistance	100MΩMin 500VC DC
介电强度Dielectric Strength	600VAC/1S
绝缘等级 Insulation Class	B,130°C
防护等级 Protection Level	IP65

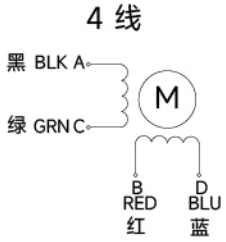
常规指标及参数
COMMON RATINGS & SPECIFICATIONS

电机型号 Model	机身长 Length L mm	相电流 Phase Current A	相电阻 Phase Resistance Ω	相电感 Phase Inductance mH	静转矩 Holding Torque N.m	转子惯量 Rotor Inertia g.cm²	引线数 Lead Wire NO.	重量 Weight Kg
57HS41-2504A	45	2.5	1.1	2.4	0.55	174	4	0.45
57HS51-2004A	55	2.0	1.3	4	0.8	257	4	0.64
57HS56-3004A	60	3.0	1.1	3.5	1.2	300	4	0.7
57HS64-4004A	69	4.0	0.6	1.7	1.4	390	4	0.85
57HS76-3004A	80	3.0	0.5	2.4	1.5	514	4	1
57HS84-3004A	89	3.0	0.57	2.8	1.5	578	4	1.15
57HS100-4204A	105	4.2	0.75	3.4	2.4	758	4	1.25
57HS115-4204A	117	4.2	0.8	3.8	2.5	856	4	1.4

电机机械尺寸
DIMENSIONS UNIT=MM



电机接线图
WIRING DIAGRAM



我们可以根据客户要求定制电机的电气参数、电机输出轴尺寸等形状，也可以增配带轮、偏心减速箱和行星减速箱、编码器等，查看更多产品信息请浏览公司网站：www.zz-motor.com
We can customize the motor electrical parameters, output shaft size and other shapes according to customer requirements. We can also add planetary reducers, encoders, etc. For more product information, please visit our company website: en.zz-motor.com
注意事项：电机安装时务必使用安装止口定位，严格保证电机输出轴与负载的同心度，电机正常工作时表面温度不允许超过85°C
Notes: When installing the motor, position it via the mounting spigot. Ensure strict concentricity between the motor output shaft and the load. The surface temperature of the motor shall not exceed 85°C during normal operation.

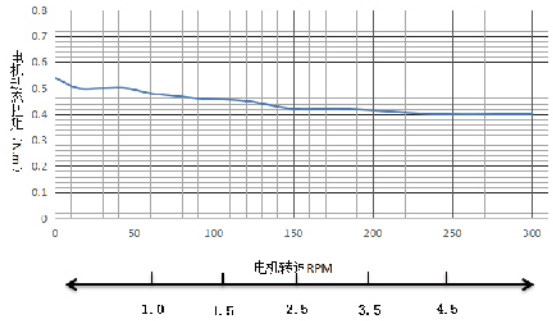
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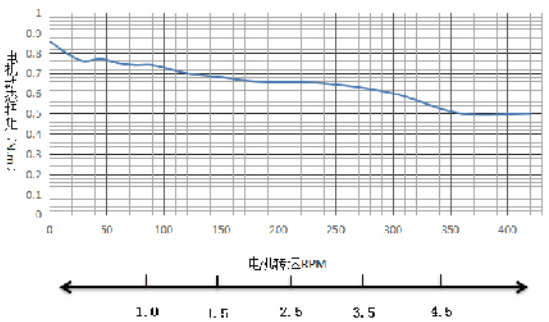
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步进电机特性曲线图
CHARACTERISTIC CURVE

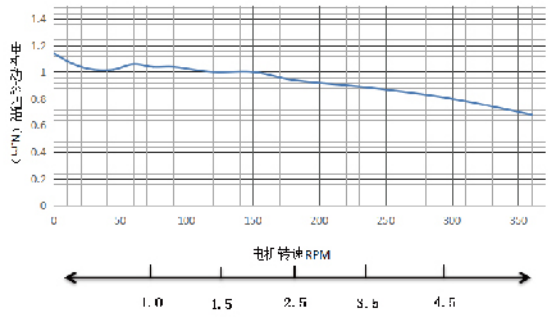
电机型号：57HS41-2504A　驱动电流：2.36A
驱动方式：恒流驱动　Drive Mode：Constant Current Driving
驱动电压：24VDC　Drive Voltage: 24VDC



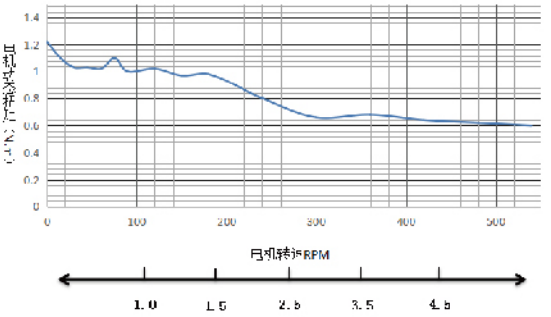
电机型号：57HS51-2004A　驱动电流：2.03A
驱动方式：恒流驱动　Drive Mode：Constant Current Driving
驱动电压：24VDC　Drive Voltage: 24VDC



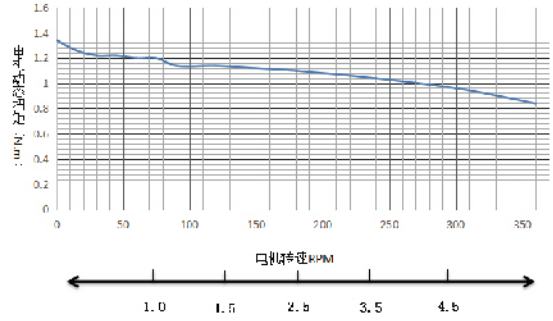
电机型号：57HS56-3004A　驱动电流:2.86A
驱动方式：恒流驱动　Drive Mode：Constant Current Driving
驱动电压：24VDC　Drive Voltage: 24VDC



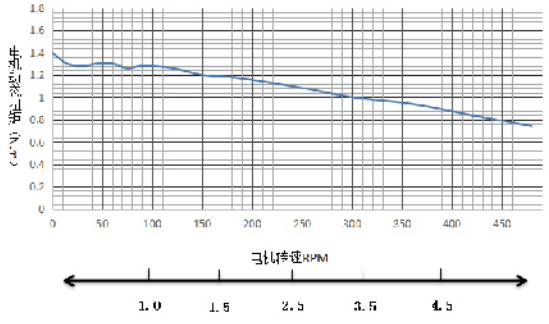
电机型号：57HS64-3004A　驱动电流：2.86A
驱动方式：恒流驱动　Drive Mode：Constant Current Driving
驱动电压：24VDC　Drive Voltage: 24VDC



电机型号：57HS76-3004A　驱动电流：2.86A
驱动方式：恒流驱动　Drive Mode：Constant Current Driving
驱动电压：24VDC　Drive Voltage: 24VDC



电机型号：57HS84-3004A　驱动电流：2.86A
驱动方式：恒流驱动　Drive Mode：Constant Current Driving
驱动电压：24VDC　Drive Voltage: 24VDC



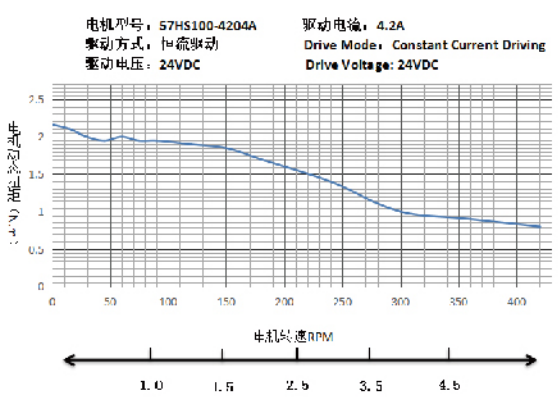
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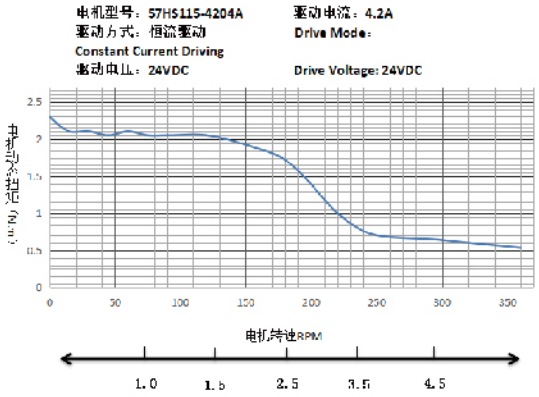
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步进电机特性曲线图
CHARACTERISTIC CURVE





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