ADS 直流伺服电机

DC Servo Motor

ZZMOTOR

电气性能
ELECTRICAL PERFORMANCE

设计标准	IEC 60072-1:1991；GT/T 4772.1-1999
运行环境温度	0 ~ 40°C(可定制化-40 ~ 50°C)
绝缘等级(IEC 60034-1)	热等级155(F) (可定制化H级)
安装海拔高度(IEC 60034-1)	0...1000m
防护等级(IEC 60034-5)	IP65，带标准轴密封件 IP54，不带轴密封件(轴贯通处为IP54，其余部分IP65) 可定制化IP67/68
冷却方式(IEC 60034-6)	IC410，自然冷却(可定制化风冷、水冷)
温度保护	温度传感器PT1000、PTC，安装于定子绕组中
反馈编码器	内置
振动等级(IEC 60034-14)	A级，最高至额定转速
声压级别	≤75dB，最高至额定转速

选型指南
SELECTION GUIDE

标识	惯量
MM	中惯量

标识	产品系列
ADS	ADS系列

标识	刹车
B	带刹车
N	不带刹车

标识	电压
A	DC24V
B	DC36V
C	DC48V
D	DC60V
E	DC72V

ADS	60	MM	040	N	A	L2	-001

标识	机座号
ADS	ADS系列
40	40法兰
60	60法兰
80	80法兰
90	90法兰
100	100法兰
110	110法兰
130	130法兰
180	180法兰

标识	改制流水码
001	001

标识	编码器	标识	编码器
L	光电增量2500线	R1	旋变
A1	光电分体多圈绝对值16位	C2	磁编增量2500线
A2	光电分体单圈绝对值17位	C3	磁编单圈绝对值17位
A3	光电分体单圈绝对值23位	C4	磁编多圈绝对值16位

标识	功率
040	400
750	7500

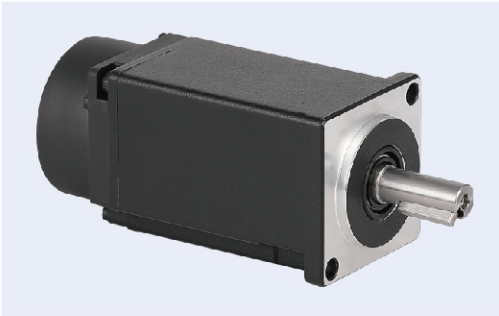
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ADS40mm直流伺服电机

DC Servo Motor

ZZMOTOR

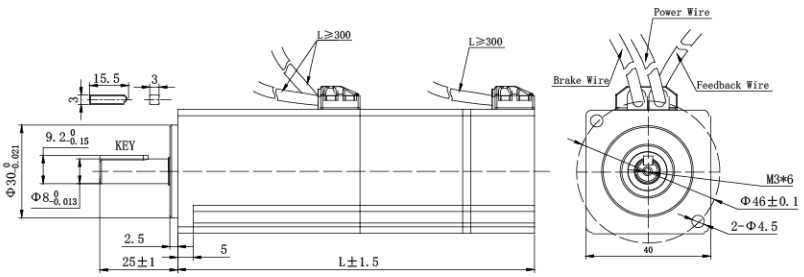


技术数据
ELECTRICAL SPECIFICATIONS

法兰尺寸 40mm

电机型号	工作电压 U	额定功率 Pn (W)	额定转矩 Mn (Nm)	额定转速 Nn (rpm)	最大转速 Nm (rpm)	额定电流 In (A)	最大扭矩 Mm (Nm)	最大电流 Im (A)	极对数	惯量 Jm ($kgcm^2$)	扭矩常数 Kt (Nm/A)	反电势 Ke (V/Krpm)
ADS40MM005□C□□-□□□	48VDC	50	0.16	3000	3850	1.5	0.55	5.75	5	0.044 (0.05)	0.132	8
ADS40MM010□C□□-□□□	48VDC	100	0.32	3000	3850	2.9	1.1	11.5	5	0.074 (0.08)	0.132	8

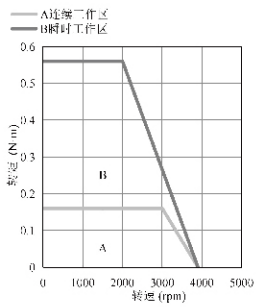
电机机械尺寸
DIMENSIONS UNIT=MM



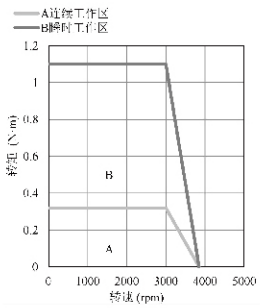
电机长度L(mm)	无制动器	带制动器
ADS40MM005□□-□□-□□□	65.5	98.5
ADS40MM005□□-□□-□□□	81.5	114.5

电机特性曲线
MOTOR CHARACTERISTIC CURVE

ADS40MM005□□□□-□□□



ADS40MM005□□□□-□□□



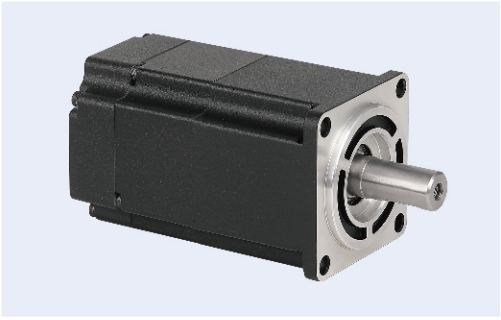
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ADS60mm直流伺服电机

DC Servo Motor

ZZMOTOR

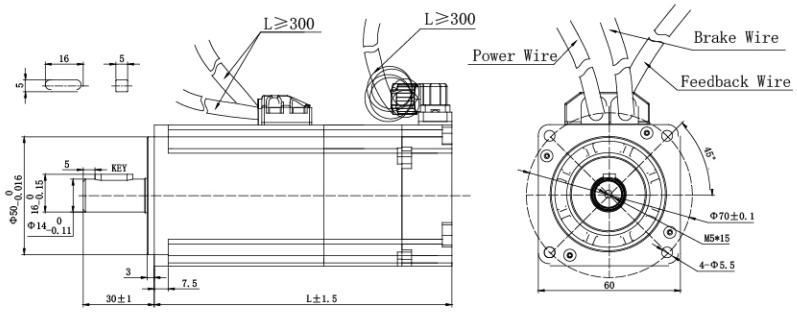


技术数据
ELECTRICAL SPECIFICATIONS

法兰尺寸 60mm

电机型号	工作电压 U	额定功率 Pn (W)	额定转矩 Mn (Nm)	额定转速 Nn (rpm)	最大转速 Nm (rpm)	额定电流 In (A)	最大扭矩 Mm (Nm)	最大电流 Im (A)	极对数	惯量 Jm ($kgcm^2$)	扭矩常数 Kt (Nm/A)	反电势 Ke (V/Krpm)
ADS60MM020□C□□-□□□	48VDC	200	0.64	3000	3850	5.8	1.92	18.2	5	0.26 (0.28)	0.132	8
ADS60MM040□C□□-□□□	48VDC	400	1.28	3000	3850	11.6	3.84	36.4	5	0.52 (0.54)	0.132	8
ADS60MM060□C□□-□□□	48VDC	600	1.91	3000	3850	17.4	5.73	54.6	5	0.72 (0.74)	0.132	8

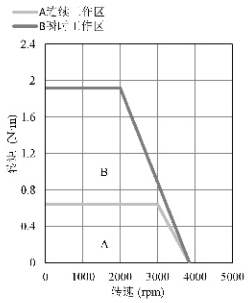
电机机械尺寸
DIMENSIONS UNIT=MM



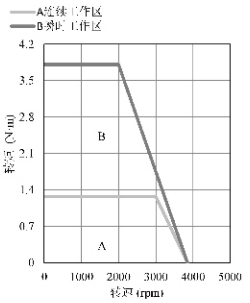
电机长度L(mm)	无制动器	带制动器
ADS60MM020□□□□-□□□	75	104
ADS60MM040□□□□-□□□	92	121
ADS60MM060□□□□-□□□	109	138

电机特性曲线
MOTOR CHARACTERISTIC CURVE

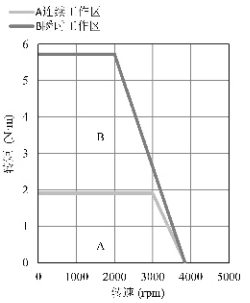
ADS60MM020□□□□-□□□



ADS60MM040□□□□-□□□



ADS60MM060□□□□-□□□



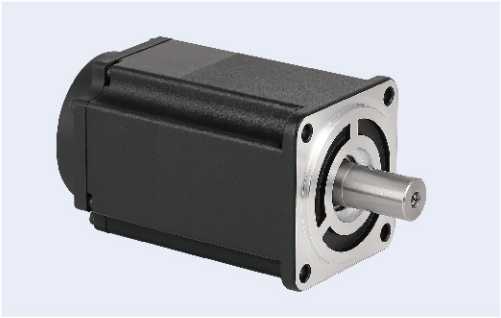
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ADS80mm直流伺服电机

DC Servo Motor

ZZMOTOR

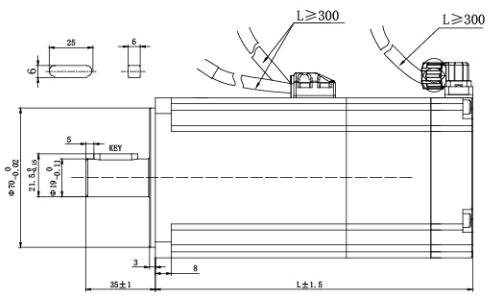


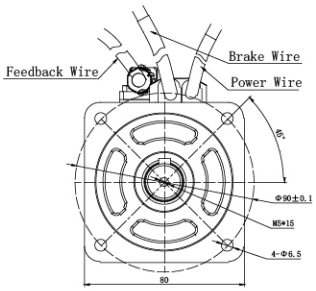
技术数据
ELECTRICAL SPECIFICATIONS

法兰尺寸 80mm

电机型号	工作电压 U	额定功率 Pn (W)	额定转矩 Mn (Nm)	额定转速 Nn (rpm)	最大转速 Nm (rpm)	额定电流 In (A)	最大扭矩 Mm (Nm)	最大电流 Im (A)	极对数	惯量 Jm ($kgcm^2$)	扭矩常数 Kt (Nm/A)	反电势 Ke (V/Krpm)
ADS80MM075□C□□-□□□	48VDC	750	2.4	3000	3850	19.6	7.2	62	5	1.33 (1.42)	0.132	8
ADS80MM100□C□□-□□□	48VDC	1000	3.18	3000	3850	27.5	9.55	83	5	1.81 (1.9)	0.132	8

电机机械尺寸
DIMENSIONS UNIT=MM

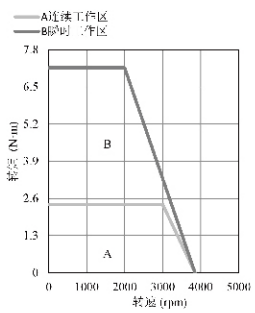




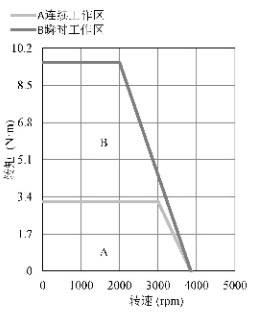
电机长度L(mm)	无制动器	带制动器
ADS80MM075□□-□□-□□□	100	143
ADS80MM100□□-□□-□□□	112	155

电机特性曲线
MOTOR CHARACTERISTIC CURVE

ADS80MM075□□□□-□□□



ADS80MM100□□□□-□□□



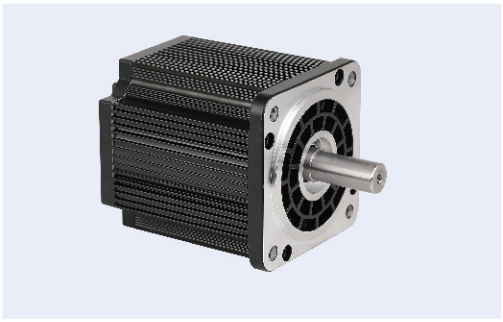
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ADS130mm直流伺服电机

DC Servo Motor

ZZMOTOR

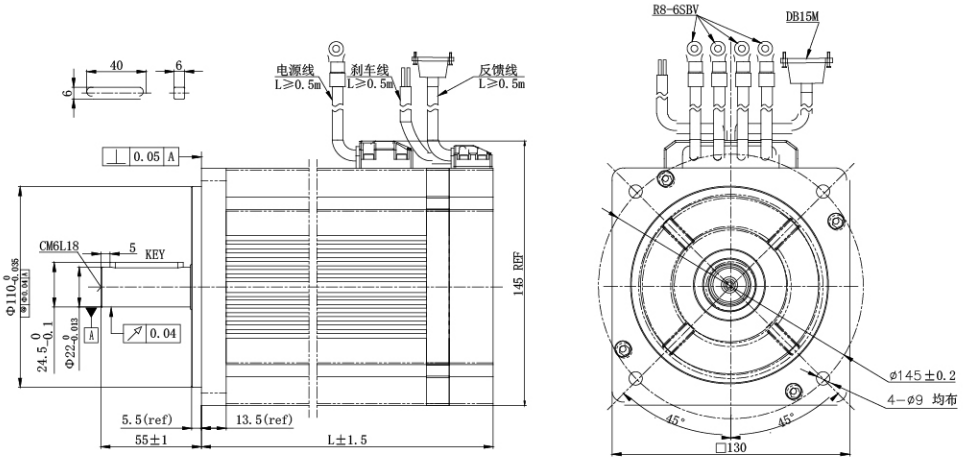


技术数据
ELECTRICAL SPECIFICATIONS

法兰尺寸 130mm

电机型号	工作电压 U	额定功率 Pn (W)	额定转矩 Mn (Nm)	额定转速 Nn (rpm)	最大转速 Nm (rpm)	额定电流 In (A)	最大扭矩 Mm (Nm)	最大电流 Im (A)	极对数	惯量 Jm ($kgcm^2$)	扭矩常数 Kt (Nm/A)	反电势 Ke (V/Krpm)
ADS130MM150□C□□-□□□	48VDC	1500	4.78	3000	3350	38.5	14.33	120	5	10 (11.3)	0.14	8.6
ADS130MM200□C□□-□□□	48VDC	2000	6.37	3000	3500	53	19.1	170	5	13.8 (15.1)	0.136	8.2
ADS130MM250□C□□-□□□	48VDC	2500	8	3000	3300	60	24	190	5	17.5 (18.8)	0.147	8.9
ADS130MM300□C□□-□□□	48VDC	3000	9.55	3000	3400	75	28.65	230	5	19.7 (21)	0.141	8.5

电机机械尺寸
DIMENSIONS UNIT=MM



电机长度L(mm)	无制动器	带制动器
ADS130MM150□C□□-□□□	140	156
ADS130MM200□C□□-□□□	155	171
ADS130MM250□C□□-□□□	170	186
ADS130MM300□C□□-□□□	180	196

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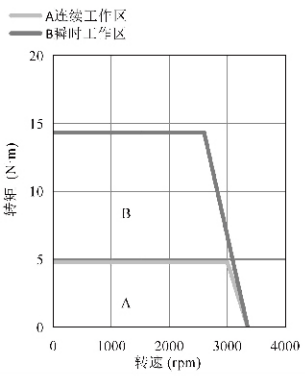
ADS130mm直流伺服电机

DC Servo Motor

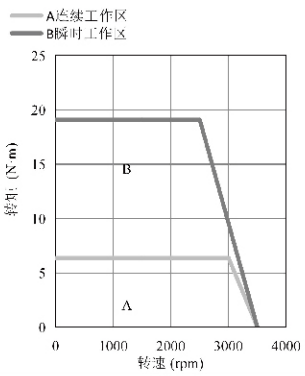
ZZMOTOR

电机特性曲线
MOTOR CHARACTERISTIC CURVE

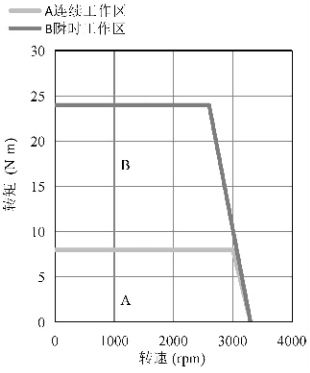
ADS130MM150□C□□-□□□



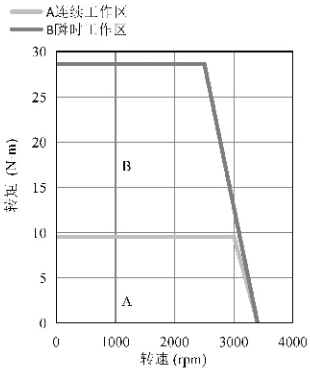
ADS130MM200□C□□-□□□



ADS130MM250□C□□-□□□



ADS130MM300□C□□-□□□

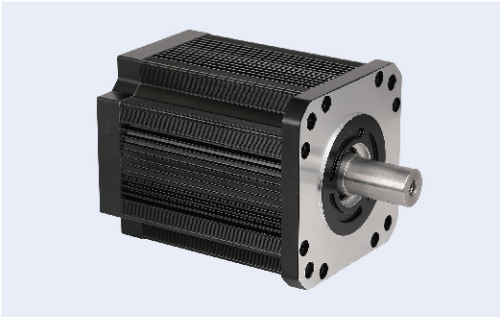


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ADS180mm直流伺服电机

DC Servo Motor

ZZMOTOR

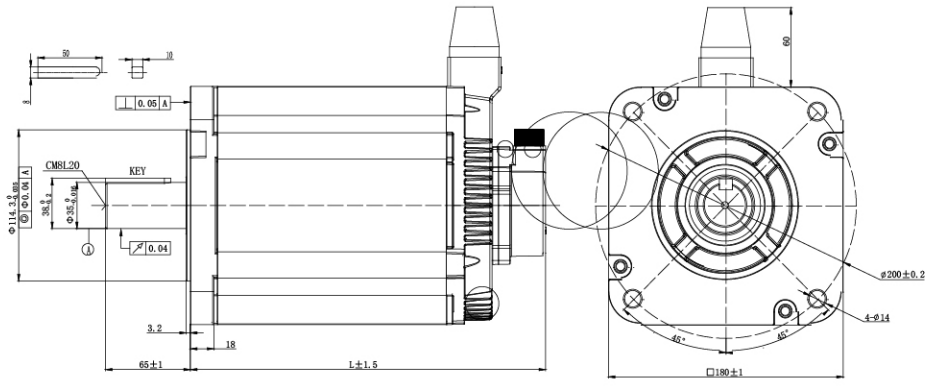


技术数据
ELECTRICAL SPECIFICATIONS

法兰尺寸 180mm

电机型号	工作电压 U	额定功率 Pn (W)	额定转矩 Mn (Nm)	额定转速 Nn (rpm)	最大转速 Nm (rpm)	额定电流 In (A)	最大扭矩 Mm (Nm)	最大电流 Im (A)	极对数	惯量 Jm ($kgcm^2$)	扭矩常数 Kt (Nm/A)	反电势 Ke (V/Krpm)
ADS180MM300□C□□-□□□	48VDC	3000	14.33	2000	2150	74	43	230	5	42.5	0.227	13.71
ADS180MM400□C□□-□□□	48VDC	4000	19.1	2000	2150	99	57.3	306	5	55	0.227	13.77
ADS180MM500□C□□-□□□	48VDC	5000	23.88	2000	2150	125	71.64	383	5	63	0.22	13.33
ADS180MM600□C□□-□□□	48VDC	6000	28.65	2000	2150	152	57.3	304	5	83	0.21	12.67
ADS180MM750□C□□-□□□	48VDC	7500	35.81	2000	2150	180	71.62	360	5	115	0.223	13.5

电机机械尺寸
DIMENSIONS UNIT=MM



电机长度L(mm)	无制动器
ADS180MM300□C□□-□□□	192.3
ADS180MM400□C□□-□□□	207.3
ADS180MM500□C□□-□□□	217.3
ADS180MM600□C□□-□□□	232.3
ADS180MM750□C□□-□□□	272.3

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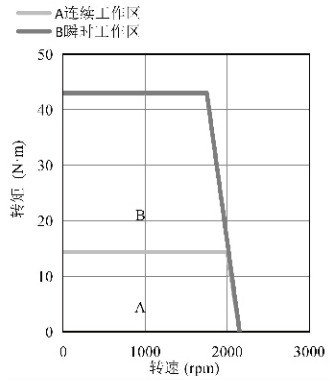
ADS180mm直流伺服电机

DC Servo Motor

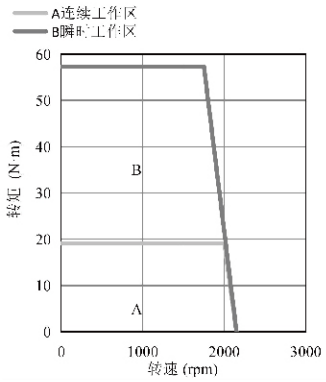
ZZMOTOR

电机特性曲线
MOTOR CHARACTERISTIC CURVE

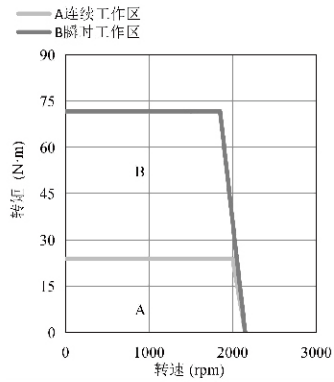
ADS180MM300□C□□-□□□



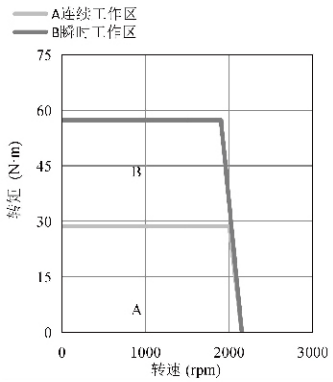
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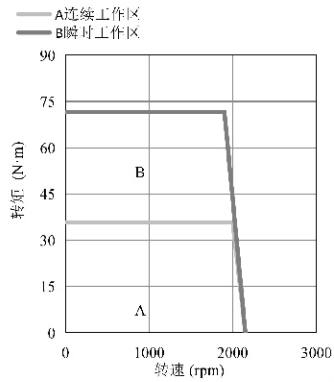
ADS180MM500□C□□-□□□



ADS180MM600□C□□-□□□



ADS180MM750□C□□-□□□



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's electrical parameters, output shaft dimensions, and other shapes according to customer requirements. We can also add planetary gearboxes, encoders, and other accessories. For more product information, please visit our company website:en.zz-motor.com