

Servo motor kit

Servo motor compatibility drive cross -
reference table



Category	Model NO.	Parameter	adapter Driver
40 mm (220V)	40AEA01030-SC3	0.32NM 100W 3000 rpm	DM-04EA
60 mm (220V)	60AEA02030-SC3	0.637NM 200W 3000 rpm	DM-04EA
	60AEA04030-SC3	1.27NM 400W 3000 rpm	DM-08EB
	60AEA06030-SC3	1.91NM 600W 3000 rpm	DM-08EB
80 mm (220V)	80AEA04030-SC3	1.27NM 400W 3000 rpm	DM-08EB
	80AEA07530-SC3	2.39NM 750W 3000 rpm	DM-08EB
	80AEA07320-SC3	3.5NM 730W 2000 rpm	DM-08EB
	80AEA10025-SC3	4NM 1.0KW 2500 rpm	DM-12EA

90 mm (220V)	90AEA07530-SC3	2.4NM 750W 3000 rpm	DM-08EB
	90AEA07320-SC3	3.5NM 730W 2000 rpm	DM-08EB
	90AEA10025-SC3	4NM 1.0KW 2500 rpm	DM-12EA
110 mm (220V)	110AEA06030-SH3	2NM 600W 3000 rpm	DM-08EB
	110AEA12030-SH3	4NM 1.2KW 3000 rpm	DM-26EA
	110AEA15030-SH3	5NM 1.5KW 3000 rpm	DM-26EA
	110AEA12020-SH3	6NM 1.2KW 2000 rpm	DM-12EA
	110AEA18030-SH3	6NM 1.8KW 3000 rpm	DM-26EA
130 mm (220V)	130AEA10025-SH3	4NM 1.0KW 2500 rpm	DM-12EA
	130AEA13025-SH3	5NM 1.3KW 2500 rpm	DM-26EA
	130AEA10015-SH3	6NM 1KW 1500 rpm	DM-12EA
	130AEA15025-SH3	6NM 1.5KW 2500 rpm	DM-26EA
	130AEA20025-SH3	7.7NM 2.0KW 2500 rpm	DM-26EA
	130AEA10010-SH3	10NM 1.0KW 1000 rpm	DM-08EB
	130AEA15015-SH3	10NM 1.5KW 1500 rpm	DM-26EA
	130AEA26025-SH3	10NM 2.6KW 2500 rpm	DM-26EA
	130AEA23015-SH3	15NM 2.3KW 1500 rpm	DM-26EA
	130AEA38025-SH3	15NM 3.8KW 2500 rpm	DM-38EA
180 mm (380V)	180AHA27015-SH3	17.2NM 2.7KW 1500 rpm	DM-100HA
	180AHA30015-SH3	19NM 3KW 1500 rpm	DM-100HA
	180AHA45020-SH3	21.5NM 4.5KW 2000 rpm	DM-100HA
	180AEA29010-SH3	27NM 2.9KW 1000 rpm	DM-100HA
	180AHA43015-SH3	27NM 4.3KW 1500 rpm	DM-100HA
	180AHA37010-SH3	35NM 3.7KW 1000 rpm	DM-100HA
	180AHA55015-SH3	35NM 5.5KW 1500 rpm	DM-100HA
	180AHA75015-SH3	48NM 7.5KW 1500 rpm	DM-100HA

40系列伺服电机参数表 40mm servo motor specification



规格 Specifications

电机型号 Motor model	40AEA01030-SC3																
额定功率 Rated power(W)	100																
额定线电压 Rated voltage(V)	220																
额定线电流 Rated current(A)	0.6																
额定转速 Rated speed(rpm)	3000																
额定力矩 Holding torque(N.m)	0.32																
峰值力矩 Peak torque(N.m)	0.64																
反电势 Voltage constant(V/1000r/min)	32.8																
力矩系数 Torque coefficient(N.m/A)	0.53																
转子惯量 Rotor inertia(Kg.m ²)	0.051x10 ⁻⁴																
绕组（线间）电阻 Line-Line Resistance(Ω)	34																
绕组（线间）电感 Line-Line Inductance(mH)	40																
电气时间常数 Mechanical time-constant (Ms)	1.18																
重量 Weight(Kg)	0.47																
编码器线数（PPR） Encoder line number(PPR)	2500																
电机绝缘等级 Insulation class	Class B																
防护等级 Safety class	IP65																
使用环境 The operating of Environmental Conditions	环境温度：-20℃ ~ +40℃ 环境湿度：相对湿度<90%（不结露条件） Temperature: -20℃~+40℃ Humidity Below 90%RH No dewing																
电机绕组插座 Motor winding plug	绕组引线 Winding lead wire	U（红） U(red)				V（黄） V(yellow)				W（蓝） W(blue)				PE（黄绿/黑） PE(yellow, green/black)			
	插座编号 Plug serial number	1				2				3				4			
编码器插座 Encoder plug	信号引线 Signal lead wire	5V	0V	B+	Z-	U+	Z+	U-	A+	V+	W+	V-	A-	B-	W-	PE	
	插座编号 Plug serial number	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	

60A系列伺服电机参数表

Item:KRS 60ASeries



规格 Specifications

电机型号 Motor model	60AEA02030-SC3				60AEA04030-SC3				60AEA04030-SC3							
额定功率 Rated power (W)	200				400				600							
额定线电压 Rated voltage (V)	220				220				220							
额定线电流 Rated current (A)	1.2				2.8				3.5							
额定转速 Rated speed (rpm)	3000				3000				3000							
额定力矩 Rated torque (N.m)	0.637				1.27				1.91							
峰值力矩 Peak torque (N.m)	1.91				3.9				5.73							
反电势 Voltage constant (V/1000r/min)	30.9				29.6				34							
力矩系数 Torque coefficient (N.m/A)	0.53				0.45				0.55							
转子惯量 Rotor inertia (Kg. m ²)	0.175×10 ⁻⁴				0.29×10 ⁻⁴				0.39×10 ⁻⁴							
绕组(线间)电阻(Ω) Line-Line Resistance	6.18				2.35				1.93							
绕组(线间)电感 Line-Line Inductance (mH)	29.3				14.5				10.7							
电气时间常数 Electrical time Constant (MS)	4.74				6.17				5.5							
重量 Weight (Kg)	1.16								2.07							
编码器线数 (PPR) Encoder line number (PPR)	2500															
电机绝缘等级 Insulation class	Class B (130°C)															
防护等级 Safety class	Ip64															
使用环境 The operating of Environmental Conditions	环境温度: -20°C~+50°C 环境湿度: 相对湿度<90%(不结霜条件) Temperature: -20°C~+50°C Humidity: Below 90%RH NO dewing															
电机绕组插座 Motor winding plus	绕组引线 Winding lead wire	U (红)			V (黄)			W (蓝)			PE (黄绿/黑)					
	插座编号 Plug serial number	1			2			3			4					
编码器插座 Encoder plug	信号引线 Signal lead wire	5V	0V	B+	Z-	U+	Z+	U-	A+	V+	W+	V-	A-	B-	W-	PE
	插座编号 Plug serial number	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1
	颜色 Color	红	黑	绿	黄黑	棕	黄	棕黑	蓝	灰	白	灰黑	蓝黑	绿黑	白黑	

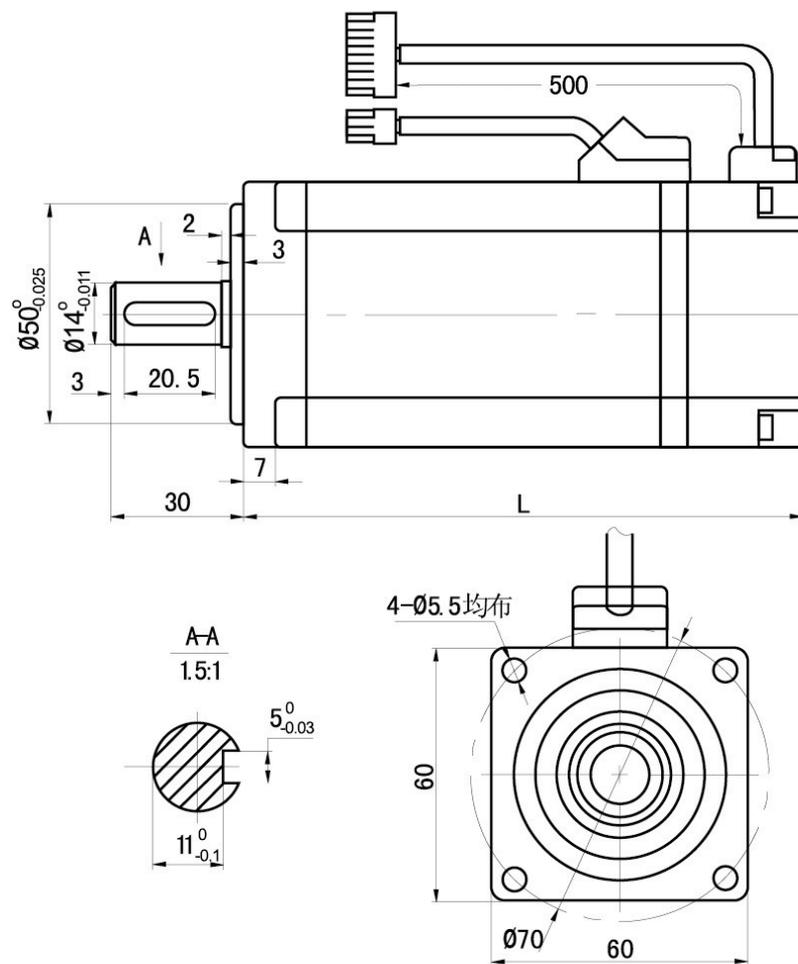
安装注意 Installation precaution

- 1、安装/拆卸部位到电机轴末端时，请不要用力敲打轴，以防止敲坏轴另一端的编码器。
- 2、尽量防止轴座震动，以防止轴承的损坏。

- 1 Installation/disassembly components coupled to the motor shaft end, do not hit shaft hard to prevent the other side of motor shaft encoder was knocked out bad.
- 2 Striving to make the best of its shaft to prevent vibration and bearing damage.

外形尺寸图见下页:

型号 tem no.	尺寸(L) Motor length
60AEA02030-SC3	111
60AEA04030-SC3	135
60AEA06030-SC3	135



80系列伺服电机参数表

80mm Servo motor Specification



规格 Specifications

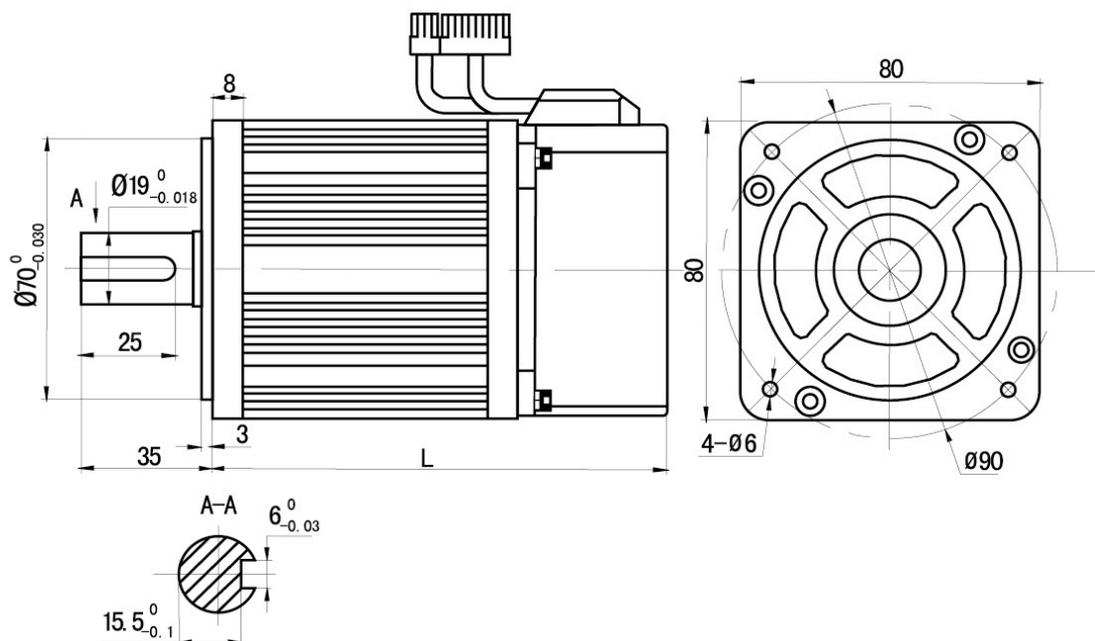
电机型号 Motor model	80AEA04030-SC3				80AEA07530-SC3				80AEA07320-SC3				80AEA10025-SC3				
额定功率 Rated power (KW)	0.4				0.75				0.73				1.0				
额定线电压 Rated voltage (V)	220				220				220				220				
额定线电流 Rated current (A)	2				3				3				4.4				
额定转速 Rated speed (rpm)	3000				3000				2000				2500				
额定力矩 Rated torque (N.m)	1.27				2.39				3.5				4				
峰值力矩 Peak torque (N.m)	3.8				7.1				10.5				12				
峰值电流 Peak current (A)	6				9				9				13.2				
反电势 Voltage constant (V/1000r/min)	40				48				71				56				
力矩系数 Torque coefficient (N.m/A)	0.64				0.8				1.17				0.9				
转子惯量 Rotor inertia (Kg.m ²)	1.05 × 10 ⁻⁴				1.82 × 10 ⁻⁴				2.63 × 10 ⁻⁴				2.97 × 10 ⁻⁴				
绕组(线间)电阻 (Ω) Line-Line Resistance	4.44				2.88				3.65				1.83				
绕组(线间)电感 Line-Line Inductance (mH)	7.93				6.4				8.8				4.72				
电气时间常数 Electrical time Constant (MS)	1.66				2.22				2.4				2.58				
重量 Weight (Kg)	1.78				2.86				3.7				3.8				
编码器线数 (PPR) Encoder line number (PPR)	2500																
电机绝缘等级 Insulation class	Class B (130°C)																
防护等级 Safety class	Ip65																
使用环境 The operating of Environmental Conditions	环境温度: -20°C ~ +50°C Temperature: -20°C ~ +50°C								环境湿度: 相对湿度 < 90% (不结霜条件) Humidity: Below 90%RH NO dewing								
电机绕组插座 Motor winding plug	绕组引线 Winding lead wire	U (红) U (red)				V (黄) V (yellow)				W (蓝) W (blue)				PE (黄绿/黑) PE (yellow, green/black)			
	插座编号 Plug serial number	1				2				3				4			
编码器插座 Encoder plug	信号引线 Signal lead wire	5V	0V	B+	Z-	U+	Z+	U-	A+	V+	W+	V-	A-	B-	W-	PE	
	插座编号 Plug serial number	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	

安装注意 Installation precaution

- 1、安装/拆卸部位到电机轴末端时，请不要用力敲打轴，以防止敲坏轴另一端的编码器。
 - 2、尽量防止轴座震动，以防止轴承的损坏。
- 1 Installation/disassembly components coupled to the motor shaft end, do not hit shaft hard to prevent the other side of motor shaft encoder was knocked out bad.
 - 2 Striving to make the best of its shaft to prevent vibration and bearing damage.

安装尺寸 Installation Dimension: unit=mm

型号 Model	Motor length (L)
80AEA04030-SC3	123mm
80AEA07530-SC3	150mm
80AEA07320-SC3	178mm
80AEA10025-SC3	190mm



Item:KRS 90Series



规格 Specifications

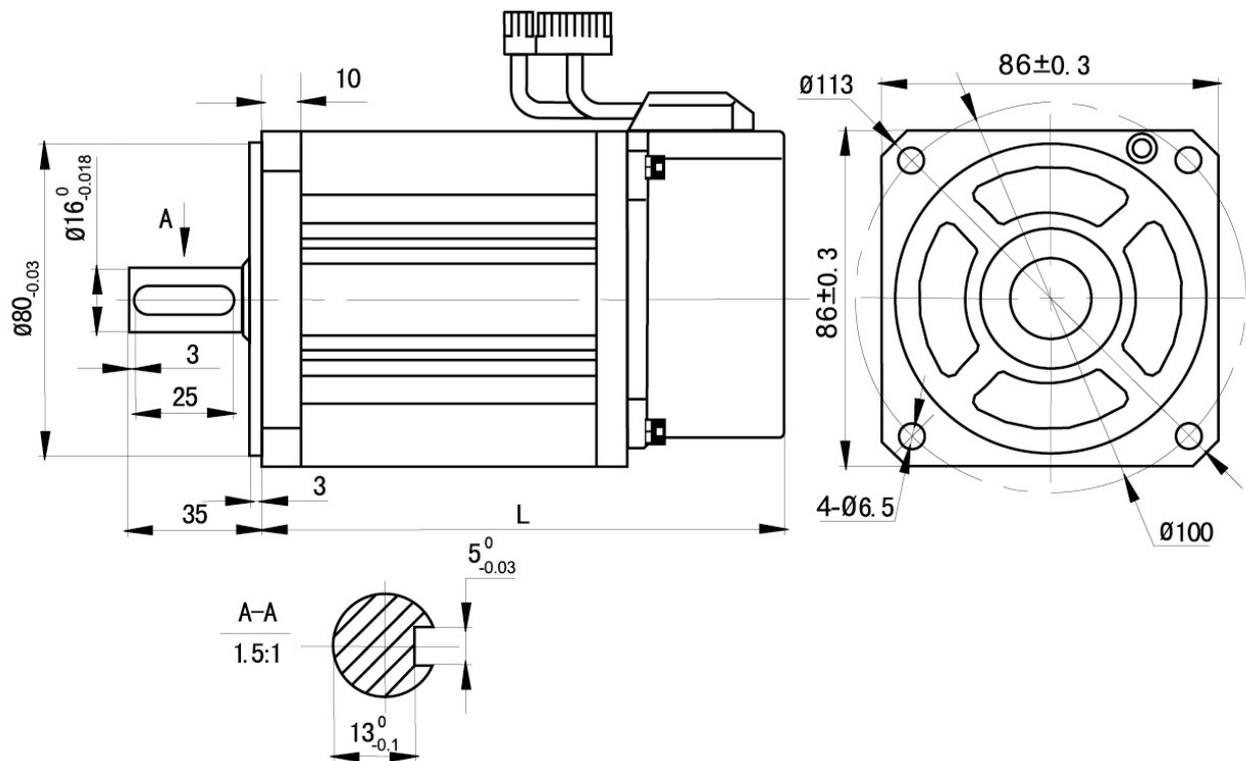
电机型号 Motor model	90AEA07530-SC3				90AEA07320-SC3				90AEA10025-SC3							
额定功率 Rated power (KW)	0.75				0.73				1.0							
额定线电压 Rated voltage (V)	220				220				220							
额定线电流 Rated current (A)	3				3				4							
额定转速 Rated speed (rpm)	3000				2000				2500							
额定力矩 Rated torque (N.m)	2.4				3.5				4							
峰值力矩 Peak torque (N.m)	7.1				10.5				12							
峰值电流 Peak current (A)	9				9				12							
反电势 Voltage constant (V/1000r/min)	51				67				60							
力矩系数 Torque coefficient (N.m/A)	0.8				1.2				1.0							
转子惯量 Rotor inertia (Kg.m ²)	2.45 × 10 ⁻⁴				3.4 × 10 ⁻⁴				3.7 × 10 ⁻⁴							
绕组(线间)电阻 (Ω) Line-Line Resistance	3.2				4.06				2.69							
绕组(线间)电感 Line-Line Inductance (mH)	7.0				9.7				6.21							
电气时间常数 Electrical time Constant (MS)	2.2				2.39				2.3							
重量 Weight (Kg)	3.4				3.8				4.13							
编码器线数 (PPR) Encoder line number (PPR)	2500															
电机绝缘等级 Insulation class	Class B (130°C)															
防护等级 Safety class	Ip65															
使用环境 The operating of Environmental Conditions	环境温度: -20°C~+50°C 环境湿度: 相对湿度<90%(不结霜条件) Temperature: -20°C~+50°C Humidity: Below 90%RH NO dewing															
电机绕 插座 Motor winding plug	绕 引线 Winding lead wire	U (红) U (red)				V (黄) V (yellow)				W (蓝) W (blue)				PE (黄绿/黑) PE (yellow, green/black)		
	插座编号 Plug serial number	1				2				3				4		
编码器插座 Encoder plug	信号引线 Signal lead wire	5V	0V	B+	Z-	U+	Z+	U-	A+	V+	W+	V-	A-	B-	W-	PE
	插座编号 Plug serial number	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1

安装注意 Installation precaution

- 1、安装/拆卸部位到电机轴末端时，请不要用力敲打轴，以防止敲坏轴另一端的编码器。
 - 2、尽量防止轴座震动，以防止轴承的损坏。
- 1 Installation/disassembly components coupled to the motor shaft end, do not hit shaft hard to prevent the other side of motor shaft encoder was knocked out bad.
 - 2 Striving to make the best of its shaft to prevent vibration and bearing damage.

安装尺寸 Installation Dimension: unit=mm

型号 Model	Motor length (L)
90AEA07530-SC3	149
90AEA07330-SC3	171
90AEA10030-SC3	181



110系列伺服电机参数表

110mm Servo motor specification



规格 Specifications

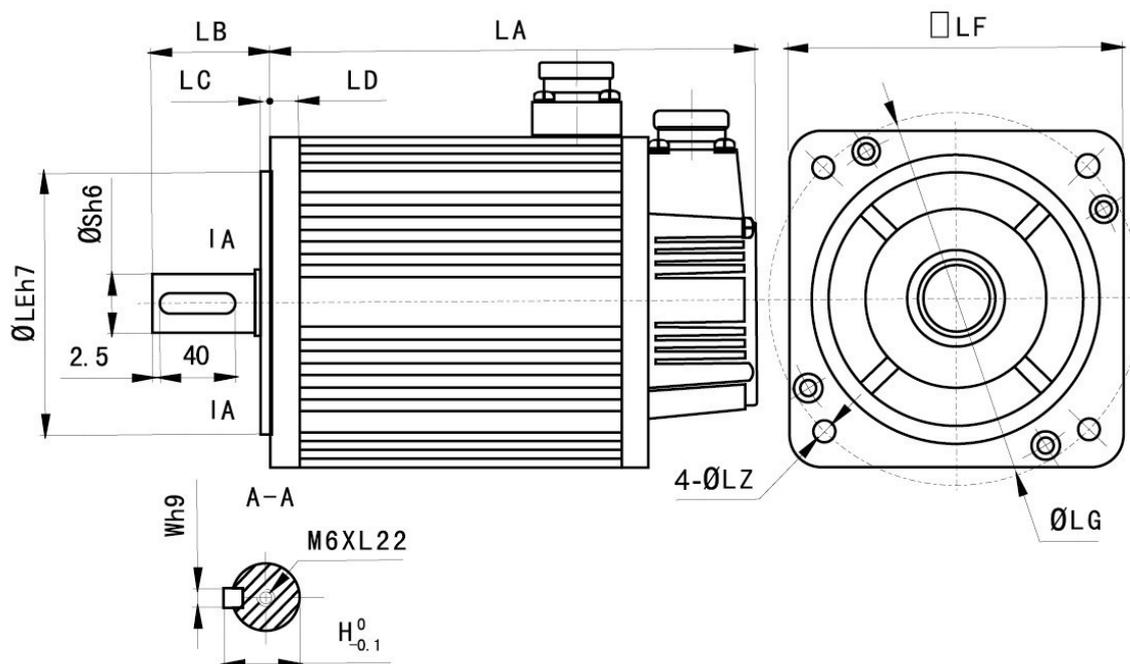
电机型号 Motor model	110AEA06030	110AEA08020	110AEA12030	110AEA15030	110AEA12020	110AEA18030										
额定功率 Rated power (KW)	0.6	0.8	1.2	1.5	1.2	1.8										
额定线电压 Rated voltage (V)	220	220	220	220	220	220										
额定线电流 Rated current (A)	2.5	3.5	5.0	6.0	4.5	6.0										
额定转速 Rated speed (rpm)	3000	2000	3000	3000	2000	3000										
额定力矩 Rated torque (N.m)	2	4	4	5	6	6										
峰值力矩 Peak torque (N.m)	6	12	12	15	12	18										
反电势 Voltage constant (V/1000r/min)	56	79	54	62	83	60										
力矩系数 Torque coefficient (N.m/A)	0.8	1.14	0.8	0.83	1.3	1.0										
转子惯量 Rotor inertia (Kg.m ²)	0.31×10^{-3}	0.54×10^{-3}	0.54×10^{-3}	0.63×10^{-3}	0.76×10^{-3}	0.76×10^{-3}										
绕组(线间)电阻(Ω) Line-Line Resistance	3.6	2.41	1.09	1.03	1.46	0.81										
绕组(线间)电感 Line-Line Inductance (mH)	8.32	7.3	3.3	3.43	4.7	2.59										
电气时间常数 Electrical time Constant (ms)	2.3	3	3.0	3.33	3.2	3.2										
重量 Weight (Kg)	4.5	5.5	5.5	6.1	6.7	6.7										
编码器线数 (PPR) Encoder line number (PPR)	2500															
电机绝缘等级 Insulation class	Class B (130°C)															
防护等级 Safety class	Ip65															
使用环境 The operating of Environmental Conditions	环境温度: -20°C~+50°C 环境湿度: 相对湿度<90% (不结霜条件) Temperature: -20°C~+50°C Humidity: Below 90% RH NO dewing															
电机绕组插座 Motor winding plue	绕组引线 Winding lead wire	U		V		W		PE								
	插座编号 Plug serial number	2		3		4		5								
编码器插座 Encoder plug	信号引线 Signal lead wire	5V	0V	B+	Z-	U+	Z+	U-	A+	V+	W+	V-	A-	B-	W-	PE
	插座编号 Plug serial number	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1

安装注意 Installation precaution

- 1、安装/拆卸部位到电机轴末端时，请不要用力敲打轴，以防止敲坏轴另一端的编码器。
 - 2、尽量防止轴座震动，以防止轴承的损坏。
- 1 Installation/disassembly components coupled to the motor shaft end, do not hit shaft hard to prevent the other side of motor shaft encoder was knocked out bad.
 - 2 Striving to make the best of its shaft to prevent vibration and bearing damage.

安装尺寸 Installation Dimension: unit=mm

额定转矩 (N. m) Rated torque (N. m)	110系列 (series)			
	2	4	5	6
LA	159	189	204	219
LB	55	55	55	55
LC	5	5	5	5
LD	12	12	12	12
LE	95	95	95	95
LF	110	110	110	110
LG	130	130	130	130
LZ	9	9	9	9
S	19	19	19	19
H	21.5	21.5	21.5	21.5
W	6	6	6	6



130系列伺服电机参数表

130mm Servo motor specification



规格 Specifications

电机型号 Motor model	130AEA10025	130AEA13025	130AEA10015	130AEA15025	130AEA20025	130AEA10010	130AEA15015	130AEA26025	130AEA23015	130AEA38025						
额定功率 Rated power (KW)	1.0	1.3	0.95	1.5	2.0	1.0	1.5	2.6	2.3	3.8						
额定线电压 Rated voltage (V)	220	220	220	220	220	220	220	220	220	220						
额定线电流 Rated current (A)	4.0	5.0	6.0	6.0	7.5	4.5	6.0	10	9.5	13.5						
额定转速 Rated speed (rpm)	2500	2500	1500	2500	2500	1000	1500	2500	1500	2500						
额定力矩 Rated torque (N.m)	4	5.0	6	6	7.7	10	10	10	15	15						
峰值力矩 Peak torque (N.m)	12	15	18	18	22	20	25	25	30	30						
反电势 Voltage constant (V/1000r/min)	72	68	65	65	68	140	103	70	114	67						
力矩系数 Torque coefficient (N.m/A)	1.0	1.0	1.0	1.0	1.03	2.2	1.67	1.0	1.58	1.11						
转子惯量 Rotor inertia (Kg. m ²)	0.85×10^{-3}	1.06×10^{-3}	1.26×10^{-3}	1.26×10^{-3}	1.53×10^{-3}	1.94×10^{-3}	1.94×10^{-3}	1.94×10^{-3}	2.77×10^{-3}	2.77×10^{-3}						
绕组(线间)电阻(Ω) Line-Line Resistance	2.76	1.84	1.21	1.21	1.01	2.7	1.29	0.73	1.1	0.49						
绕组(线间)电感 Line-Line Inductance (mH)	6.42	4.9	3.87	3.87	2.94	8.8	5.07	2.45	4.45	1.68						
电气时间常数 Electrical time Constant (MS)	2.32	2.66	3.26	3.26	3.80	3.26	3.93	3.36	4.05	3.43						
重量 Weight (Kg)	7.7	8.2	8.9	8.9	10	11.5	11.5	11.5	14.4	14.4						
编码器线数(PPR) Encoder line number (PPR)	2500															
电机绝缘等级 Insulation class	Class B (130°C)															
防护等级 Safety class	Ip65															
使用环境 The operating of Environmental Conditions	环境温度: -20°C~+50°C 环境湿度: 相对湿度<90%(不结霜条件) Temperature: -20°C~+50°C Humidity: Below 90%RH NO dewing															
电机绕组插座 Motor winding plus	绕组引线 Winding lead wire	U			V			W			PE					
	插座编号 Plug serial number	2			3			4			5					
编码器插座 Encoder plug	信号引线 Signal lead wire	5V	0V	B+	Z-	U+	Z+	U-	A+	V+	W+	V-	A-	B-	W-	PE
	插座编号 Plug serial number	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1

其它要求请联系我们的技术部

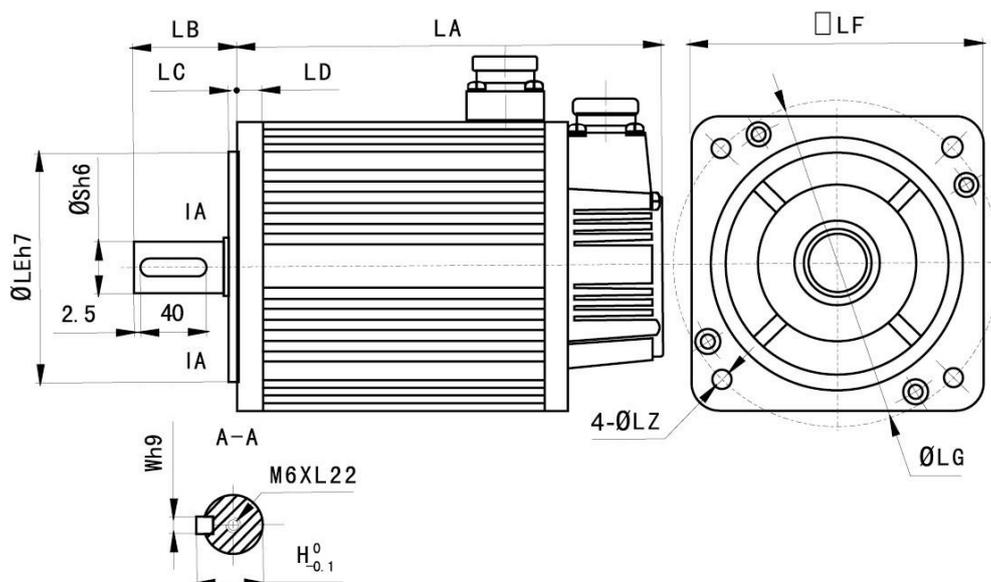
Other special requirements please contact the KRS Technology to negotiate

安装注意 Installation precaution

- 1、安装/拆卸部位到电机轴末端时，请不要用力敲打轴，以防止敲坏轴另一端的编码器。
 - 2、尽量防止轴座震动，以防止轴承的损坏。
- 1 Installation/disassembly components coupled to the motor shaft end, do not hit shaft hard to prevent the other side of motor shaft encoder was knocked out bad.
 - 2 Striving to make the best of its shaft to prevent vibration and bearing damage.

安装尺寸 Installation Dimension: unit=mm

130系列 (series)									
额定转矩 Rated torque (N. m)	4	5	6	7.7	10			15	
					1000rpm	1500rpm	2500rpm	1500rpm	2500rpm
LA	166	171	179	192	213			241	231
LB	57	57	57	57	57			57	
LC	5	5	5	5	5			5	
LD	14	14	14	14	14			14	
LE	110	110	110	110	110			110	
LF	130	130	130	130	130			130	
LG	145	145	145	145	145			145	
LZ	9	9	9	9	9			9	
S	22	22	22	22	22			22	
H	24.5	24.5	24.5	24.5	24.5			24.5	
W	6	6	6	6	6			6	



Item:KRS 180Series



规格 Specifications

电机型号 Motor model	180AHA27015-SH3		180AHA30015-SH3		180AHA45020-SH3		180AEA29010-SH3									
额定功率 Rated power (KW)	2.7		3.0		4.5		2.9									
额定线电压 Rated voltage (V)	220	380	220	380	220	380	220	380								
额定线电流 Rated current (A)	10.5	6.5	12	7.5	16	9.5	12	7.5								
额定转速 Rated speed (rpm)	1500		1500		2000		1000									
额定力矩 Rated torque (N.m)	17.02		19		21.5		27									
峰值力矩 Peak torque (N.m)	43		47		53		67									
反电势 Voltage constant (V/1000r/min)	112	167	97	158	84	140	138	224								
力矩系数 Torque coefficient (N.m/A)	1.64	2.65	1.58	2.5	1.34	2.26	2.25	3.6								
转子惯量 Rotor inertia (Kg.m ²)	3.4×10 ⁻³		3.8×10 ⁻³		4.7×10 ⁻³		6.1×10 ⁻³									
绕组(线间)电阻(Ω) Line-Line Resistance	0.7	1.47	0.4	1.15	0.24	0.71	0.48	1.37								
绕组(线间)电感(mH) Line-Line Inductance (mH)	3.5	7.8	2.42	6.4	1.45	4	3.26	8.6								
电气时间常数 Electrical time Constant (MS)	5	5.3	6	5.57	6	5.6	6.79	6.27								
重量 Weight (Kg)	19.5		20.5		22.2		25.5									
编码器线数 (PPR) Encoder line number (PPR)	2500															
电机绝缘等级 Insulation class	Class F (130°C)															
防护等级 Safety class	Ip65															
使用环境 The operating of Environmental Conditions	环境温度: -20°C~+50°C Temperature: -20°C~+50°C				环境湿度: 相对湿度<90% (不结露条件) Humidity: Below 90% RH NO dewing											
电机绕 插座 Motor winding plug	绕组引线 Winding lead wire	U		V		W		PE								
	插座编号 Plug serial number	2		3		4		1								
编码器插座 Encoder plug	信号引线 Signal lead wire	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-	PE
	插座编号 Plug serial number	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1

其它要求请联系我们的技术部

Other special requirements please contact the KRS Technology to negotiate

安装注意 Installation precaution

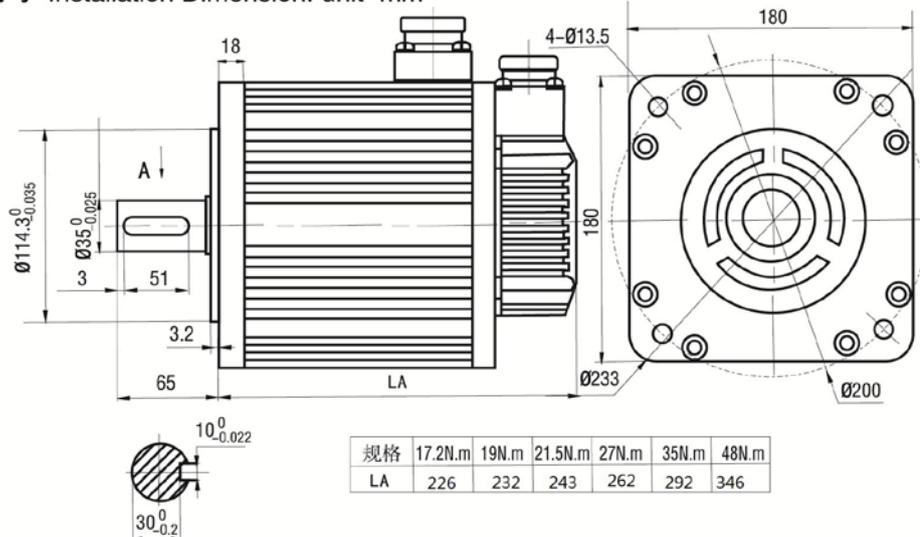
- 1、安装/拆卸部位到电机轴末端时，请不要用力敲打轴，以防止敲坏轴另一端的编码器。
- 2、尽量防止轴座震动，以防止轴承的损坏。

- 1 Installation/disassembly components coupled to the motor shaft end, do not hit shaft hard to prevent the other side of motor shaft encoder was knocked out bad.
- 2 Striving to make the best of its shaft to prevent vibration and bearing damage.

规格 Specifications

电机型号 Motor model	180AHA43015-SH3		180AHA37010-SH3		180AHA55015-SH3		180AHA75015-SH3									
额定功率 Rated power (KW)	4.3		3.7		5.5		7.5									
额定线电压 Rated voltage (V)	220	380	220	380	220	380	220	380								
额定线电流 Rated current (A)	16	10	16	10	24	12	32	20								
额定转速 Rated speed (rpm)	1500		1000		1500		1500									
额定力矩 Rated torque (N.m)	27		35		35		48									
峰值力矩 Peak torque (N.m)	67		70		70		96									
反电势 Voltage constant (V/1000r/min)	103	172	134	223	90	181	94	156								
力矩系数 Torque coefficient (N.m/A)	1.69	2.7	2.2	3.5	1.45	2.9	1.5	2.4								
转子惯量 Rotor inertia (Kg. m ²)	6.1×10 ⁻³		8.6×10 ⁻³		8.6×10 ⁻³		9.3×10 ⁻³									
绕组(线间)电阻 (Ω) Line-Line Resistance	0.28	0.796	0.31	0.93	0.14	0.62	0.104	0.273								
绕组(线间)电感 Line-Line Inductance(mH)	1.74	4.83	3.28	9.1	1.0	4	0.77	2.14								
电气时间常数 Electrical time Constant (MS)	6.2	6	10.58	9.78	7.14	6.45	7.4	7.8								
重量 Weight (Kg)	25.5		30.5		30.5		40									
编码器线数 (PPR) Encoder line number (PPR)	2500															
电机绝缘等级 Insulation class	Class F (130°C)															
防护等级 Safety class	Ip65															
使用环境 The operating of Environmental Conditions	环境温度: -20°C~+50°C Temperature: -20°C~+50°C				环境湿度: 相对湿度<90% (不结霜条件) Humidity: Below 90%RH NO dewing											
电机绕 插座 Motor winding plus	绕组引线 Winding lead wire	U		V		W		PE								
	插座编号 Plug serial number	2		3		4		1								
编码器插座 Encoder plug	信号引线 Signal lead wire	5V	0V	A+	B+	Z+	A-	B-	Z-	U+	V+	W+	U-	V-	W-	PE
	插座编号 Plug serial number	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1

安装尺寸 Installation Dimension: unit=mm



Servo motor Driver



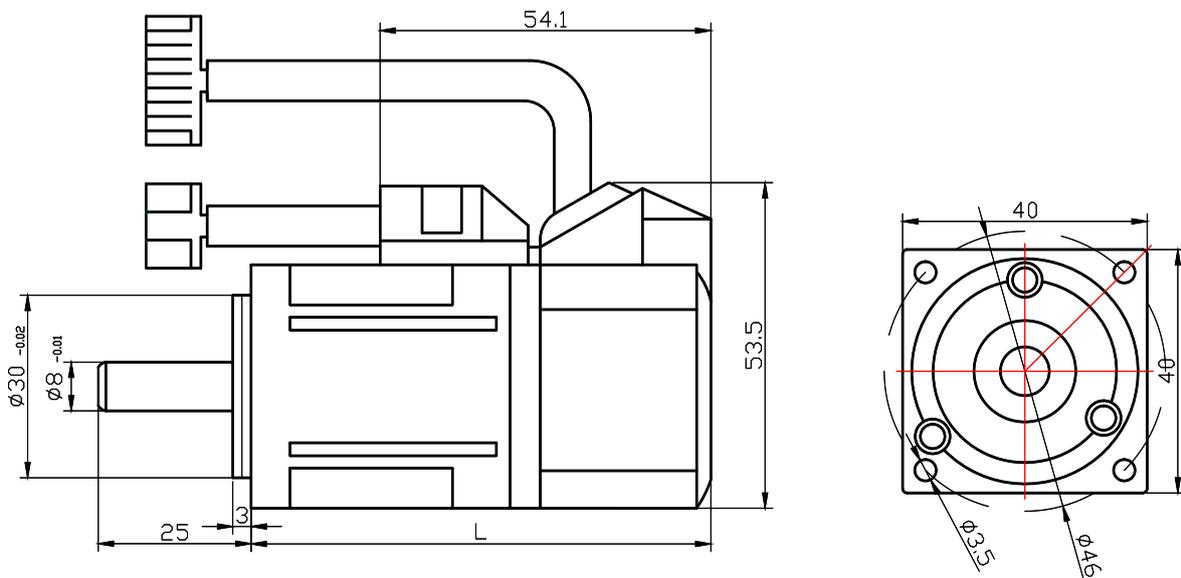
40mm low voltage servo motor and matching drive

Specification

1. DM - 055B by using 32-bit high speed DSP chip.
2. FOC field oriented vector control, support position, speed closed loop control.
3. location models support instruction pulse position support + direction or instruction pulse orthogonal pulse signal direction or orthogonal pulse signal
4. Speed mode support schema support PWM duty ratio signal or duty cycle 44~20MA20MA current flow or 0.60.6~3V3V voltage signal control
5. 16bit electronic gear function, 1 bit electronic gear function, 1~65535. 65535
6. Power supply voltage +20V~ 50V. Support 50 v. Support 50~500W ac servo motor. 500W ac servo motor.
7. Support for the 485 (modbus485) control mode. The drive address can be set to simplify the control system. It can also be controlled directly by PC and provide PC testing software
8. Under pressure, over pressure, stop-over, overheat protection.
9. Provide the input signal of the isolation output, the output signal of the isolation output, the output signal of alarm, the output signal of alarm and the zero signal of the encoder.



Size(mm)



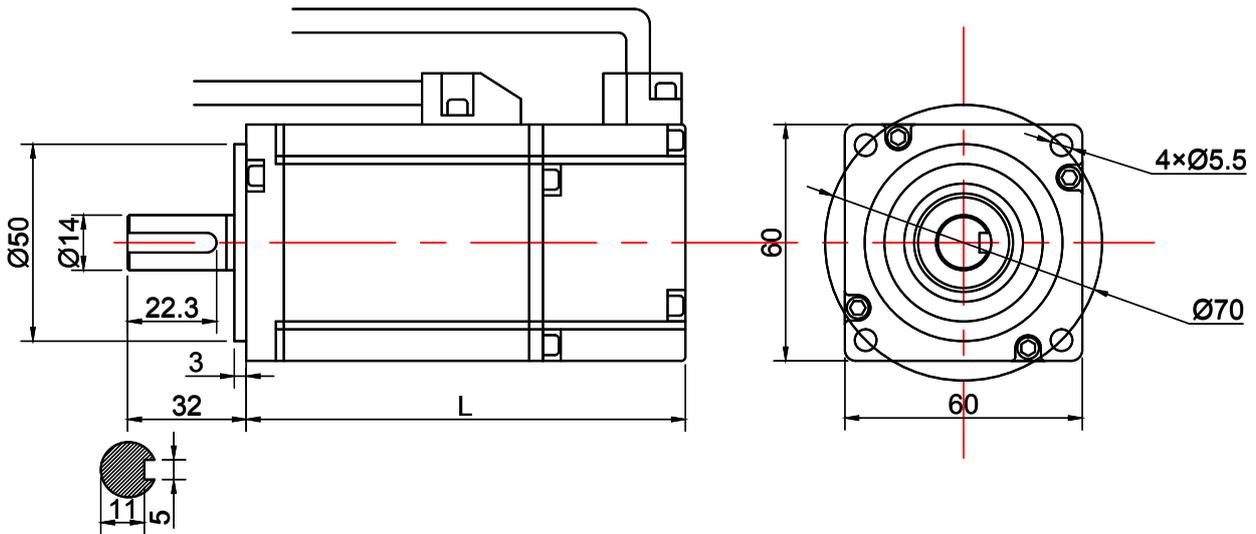
Specification

Item no.	Rated Voltage(V)	Output power (W)	Rated Torque (Nm)	Rated speed RPM	Encoder PPR	Motor L (mm)	Shaft DIA (mm)	Adapter driver
40A2A01030	24	100	0.32	3000	2500	90	8	DM-055B
40A2A00530	24	50	0.16	3000	2500	75	8	DM-055B

60 mm low voltage servo motor and supporting drive

Specification

1. DM - 055B by using 32-bit high speed DSP chip.
2. FOC field oriented vector control, support position, speed closed loop control.
3. location models support instruction pulse position support + + direction or instruction pulse orthogonal pulse signal direction or orthogonal pulse signal
4. Speed mode support schema support PWM duty ratio signal or duty cycle 44~20MA 20MA current flow or 0.60.6~3V 3V voltage signal control
5. 16bit electronic gear function, 1 bit electronic gear function, 1~65535
6. Power supply voltage +20V~ 50V. Support 50 v. Support 50~500W ac servo motor. 500W ac servo motor.
7. Support for the 485 (modbus485) control mode. The drive address can be set to simplify the control system. It can also be controlled directly by PC and provide PC testing software
8. Under pressure, over pressure, stop-over, overheat protection.
9. Provide the input signal of the isolation output, the output signal of the isolation output, the output signal of alarm, the output signal of alarm and the zero signal of the encoder.



Specification

Items no.	Rated Voltage (v)	Rated Power (w)	Rated Torque (Nm)	Rated Speed	Encoder PPR	Motor L (mm)	Shaft DIA (mm)	Adapter Driver
60A3A02030	36	200	0.63	3000	2500	108	14	DM-055B
60A4A04030	48	400	1.27	3000	2500	136	14	DM-055B