



# PROFESSIONAL FOR ROBOTS AND AGV

## HUB SERVO MOTOR SELECTION MANUAL

V22



# 机器人/AGV轮毂伺服系列

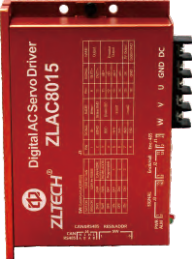


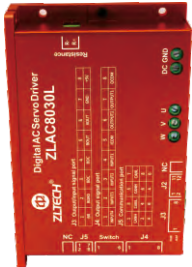
## Robot/AGV Hub Servo Series



### ► 轮毂伺服电机驱动器命名规则 Servo Driver Part Number

示例 Example	<b>ZL AC 80 15 - D</b>	
	① ② ③ ④ ⑤	
①	ZL:中菱科技	ZL:Shenzhen ZhongLing Technology Co., Ltd.
②	AC:交流	AC:Alternating Current
③	80:最高输入电压 (80:80V)	80:Max Input Voltage (80: 80V)
④	15:额定输出电流 (15:15A)	15:Rated Output Current (15:15A)
⑤	缺省:单路输出 D:双路输出	Default: Single Channel D: Dual Channel





## ► 轮毂伺服电机驱动器选型 Servo Driver Selection

型号 Model	ZLAC8015	ZLAC8015D	ZLAC8030	ZLAC8030L
实拍图 Photo				
工作电压 (V) Working Voltage	24V-48VDC	24V-48VDC	24V-80VDC	24V-48VDC
输出电流 (A) Output Current	单路输出 均值 15A 峰值 30A Rated 15A Max 30A	双路输出 均值 15A 峰值 30A Rated 15A Max 30A	单路输出 均值 30A 峰值 90A Rated 30A Max 90A	单路输出 均值 30A 峰值 60A Rated 30A Max 60A
控制方式 Control Method	Single Channel CANOpen, RS485	Dual Channel CANOpen, RS485	Single Channel 脉冲、模拟量、 RS232、CANOpen	Single Channel CANOpen, RS485
外形尺寸 (mm) Dimension	118x76x34	150x97x31	167x100x34.8	149.6x97x30.8
适配轮毂伺服电机 Matching Hub Servo Motor	500W以下轮毂伺服电机 Hub Servo Motor with Power less than 500W	500W以下轮毂伺服电机 Hub Servo Motor with Power less than 500W	大功率款轮毂伺服电机 High Power Hub Servo Motor	大功率款轮毂伺服电机 High Power Hub Servo Motor





## ► 轮毂伺服电机命名规则 Hub Servo Motor Part Number

示例 Example	<b>ZL LG 65 ASM 250 单/双轴</b> <input type="text"/> <input type="text"/> <input type="text"/>						
	①	②	③	④	⑤	⑥	⑦
①	ZL: 中菱科技			ZL: Shenzhen ZhongLing Technology Co., Ltd.			
②	LG: 轮毂伺服电机			LG: Hub Servo Motor			
③	65: 电机尺寸 (35: 3.5寸, 65: 6.5寸, 10: 10寸)			65: Wheel Size, 6.5 inch			
④	ASM: 低压交流伺服			ASM: Low Voltage Servo			
⑤	250: 功率 (100-100W, 200-200W, 250-250W)			250: Power (100-100W, 200-200W, 250-250W)			
⑥	单/双轴: 是单轴/双轴			Single/Double Shaft			
⑦	<input type="text"/> <input type="text"/> <input type="text"/> : 特殊定制型号			<input type="text"/> <input type="text"/> <input type="text"/> : Special Customized Model			





## ▶ 轮毂伺服电机选型 Hub Servo Motor Selection

型号 Model	ZLLG40ASM100 V1.0 (单轴)Single shaft	ZLLG40ASM100 V1.0 (双轴)Double shaft	ZLLG45ASM200 V1.0 (双轴)Double shaft	ZLLG45ASM200 V1.0 (双轴花纹)Double shaft
实拍图 Photo				
标称 Nominal Size	4寸 4 inch	4寸 4 inch	4.5寸 4 inch	4.5寸 4 inch
外径尺寸 (mm) Wheel Diameter (mm)	107	107	123	128
出轴 Shaft Type	单出轴 Single shaft	双出轴 Double shaft	双出轴 Double shaft	双出轴 Double shaft
轮胎材质 Tire material	橡胶 Rubber	橡胶 Rubber	橡胶无花纹 No-Pattern Rubber	橡胶花纹 Pattern Rubber
轮胎硬度 (邵氏A) Tire hardness (shore A)	70±5%	70±5%	70±5%	65±5%
极对数 (对) Pole No (Pairs)	10	10	10	10
额定电压 (VDC) Rated Voltage (VDC)	24	24	24	24
额定扭矩 (N.m) Rated Torque (N.m)	2	2	5	5
峰值扭矩 (N.m) Peak Torque (N.m)	6	6	15	15
额定电流 (A) Rated Current (A)	5	5	8.5	8.5
峰值电流 (A) Peak Current (A)	15	15	25	25
额定转速 (RPM) Rated Speed (RPM)	450	450	300	300
最大转速 (RPM) Peak Speed (RPM)	550	550	370	370
最大负载 (KG/2sets) Maximum Load (KG/2sets)	50	50	150	150
编码器 Encoder	1024线 1024 Lines	1024线 1024 Lines	1024线 1024 Lines	1024线 1024 Lines
线电阻 (Ω) Wire Resistance(Ω)	0.58±10%	0.58±10%	0.44±10%	0.44±10%
线电感 (mH) Wire Inductance (mH)	0.73±10%	0.73±10%	0.915±10%	0.915±10%
反电动势常数 (V/RPM) Back EMF Constant (V/RPM)	0.055±10%	0.055±10%	0.085±10%	0.085±10%
重量 (KG) Weight (KG)	1.5±5%	1.6±5%	2.9±5%	3.0±5%
防护等级 Protection Level	IP54	IP54	IP54	IP65
绝缘电压 (V) Insulation Voltage (V)	DC500V, >20MΩ	DC500V, >20MΩ	DC500V, >20MΩ	DC500V, >20MΩ
绝缘强度 Dielectric Strength	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA
环境温度 (°C) Ambient Temperature (°C)	-20~+40	-20~+40	-20~+40	-20~+40
环境湿度 (%) Ambient Humidity (%)	20~80	20~80	20~80	20~80
适配驱动器 Matching Driver	ZLAC8015、ZLAC8015D	ZLAC8015、ZLAC8015D	ZLAC8015、ZLAC8015D	ZLAC8015、ZLAC8015D

支持各种规格及要求定制! (Support customization of various specifications and requirements!)





型号 Model	ZLLG50ASM200 V1.0 (单轴)Single shaft	ZLLG50ASM200 V1.0 (双轴)Double shaft	ZLLG50ASM200 V2.0 (单轴)Single shaft	ZLLG55ASM150 V1.0 (单轴)Single shaft
实拍图 Photo				
标称 Nominal Size	5寸 5 inch	5寸 5 inch	5寸 5 inch	5.5寸 5.5 inch
外径尺寸 (mm) Wheel Diameter (mm)	130	130	131	139
出轴 Shaft Type	单出轴 Single shaft	双出轴 Double shaft	单出轴 Single shaft	单出轴 Single shaft
轮胎材质 Tire material	橡胶 Rubber	橡胶 Rubber	橡胶 Rubber	橡胶 Rubber
轮胎硬度 (邵氏A) Tire hardness (shore A)	65±5%	65±5%	65±5%	70±5%
极对数 (对) Pole No (Pairs)	10	10	10	10
额定电压 (VDC) Rated Voltage (VDC)	24	24	24	24
额定扭矩 (N.m) Rated Torque (N.m)	3	3	3	3
峰值扭矩 (N.m) Peak Torque (N.m)	9	9	9	9
额定电流 (A) Rated Current (A)	5	5	5	5
峰值电流 (A) Peak Current (A)	15	15	15	15
额定转速 (RPM) Rated Speed (RPM)	270	270	270	270
最大转速 (RPM) Peak Speed (RPM)	350	350	350	350
最大负载 (KG/2sets) Maximum Load (KG/2sets)	60	60	60	60
编码器 Encoder	1024线 1024 Lines	1024线 1024 Lines	4096线 4096 Lines	1024线 1024 Lines
线电阻 (Ω) Wire Resistance(Ω)	0.84±10%	0.84±10%	0.84±10%	0.84±10%
线电感 (mH) Wire Inductance (mH)	1.76±10%	1.76±10%	1.76±10%	1.76±10%
反电动势常数 (V/RPM) Back EMF Constant (V/RPM)	0.081±10%	0.081±10%	0.081±10%	0.081±10%
重量 (KG) Weight (KG)	2.0±5%	2.0±5%	1.95±5%	2.0±5%
防护等级 Protection Level	IP54	IP54	IP54	IP54
绝缘电压 (V) Insulation Voltage (V)	DC500V, >20MΩ	DC500V, >20MΩ	DC500V, >20MΩ	DC500V, >20MΩ
绝缘强度 Dielectric Strength	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA
环境温度 (°C) Ambient Temperature (°C)	-20~+40	-20~+40	-20~+40	-20~+40
环境湿度 (%) Ambient Humidity (%)	20~80	20~80	20~80	20~80
适配驱动器 Matching Driver	ZLAC8015、ZLAC8015D	ZLAC8015、ZLAC8015D	ZLAC8015、ZLAC8015D	ZLAC8015、ZLAC8015D

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型号 Model	ZLLG55ASM150 V1.0 (双轴)Double shaft	ZLLG55ASM150 V2.0 (单轴)Single shaft	ZLLG65ASM250 V1.0 (单轴)Single shaft	ZLLG65ASM250 V1.0 (双轴)Double shaft
实拍图 Photo				
标称 Nominal Size	5.5寸 5.5 inch	5.5寸 5.5 inch	6.5寸 6.5 inch	6.5寸 6.5 inch
外径尺寸 (mm) Wheel Diameter (mm)	139	139	170	170
出轴 Shaft Type	双出轴 Double shaft	单出轴 Single shaft	单出轴 Single shaft	双出轴 Double shaft
轮胎材质 Tire material	橡胶 Rubber	橡胶 Rubber	橡胶 Rubber	橡胶花纹 Pattern Rubber
轮胎硬度 (邵氏A) Tire hardness (shore A)	65±5%	65±5%	65±5%	65±5%
极对数 (对) Pole No (Pairs)	10	10	15	15
额定电压 (VDC) Rated Voltage (VDC)	24	24	24	24
额定扭矩 (N.m) Rated Torque (N.m)	3	3	4	4
峰值扭矩 (N.m) Peak Torque (N.m)	9	9	12	12
额定电流 (A) Rated Current (A)	5	5	10	10
峰值电流 (A) Peak Current (A)	15	15	30	30
额定转速 (RPM) Rated Speed (RPM)	270	270	500	500
最大转速 (RPM) Peak Speed (RPM)	350	350	560	560
最大负载 (KG/2sets) Maximum Load (KG/2sets)	60	60	100	100
编码器 Encoder	1024线 1024 Lines	4096线 4096 Lines	1024线 1024 Lines	1024线 1024 Lines
线电阻 (Ω) Wire Resistance(Ω)	0.84±10%	0.84±10%	0.15±10%	0.75±10%
线电感 (mH) Wire Inductance (mH)	1.76±10%	1.76±10%	0.27±10%	1.285±10%
反电动势常数 (V/RPM) Back EMF Constant (V/RPM)	0.081±10%	0.081±10%	0.057±10%	0.107±10%
重量 (KG) Weight (KG)	2.05±5%	2.0±5%	2.95±5%	3.0±5%
防护等级 Protection Level	IP54	IP54	IP54	IP54
绝缘电压 (V) Insulation Voltage (V)	DC500V, >20MΩ	DC500V, >20MΩ	DC500V, >20MΩ	DC500V, >20MΩ
绝缘强度 Dielectric Strength	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA
环境温度 (°C) Ambient Temperature (°C)	-20~+40	-20~+40	-20~+40	-20~+40
环境湿度 (%) Ambient Humidity (%)	20~80	20~80	20~80	20~80
适配驱动器 Matching Driver	ZLAC8015、ZLAC8015D	ZLAC8015、ZLAC8015D	ZLAC8015、ZLAC8015D	ZLAC8015、ZLAC8015D



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型号 Model	ZLLG65ASM250-L V1.0 (单轴)Single shaft	ZLLG65ASM250-L V1.0 (双轴)Double shaft	ZLLG65ASM250 V3.0 (单轴)Single shaft	ZLLG65ASM250-L V3.0 (单轴)Single shaft
实拍图 Photo				
标称 Nominal Size	6.5寸 6.5 inch	6.5寸 6.5 inch	6.5寸 6.5 inch	6.5寸 6.5 inch
外径尺寸 (mm) Wheel Diameter (mm)	170	170	170	170
出轴 Shaft Type	单出轴 Single shaft	双出轴 Double shaft	单出轴 Single shaft	单出轴 Single shaft
轮胎材质 Tire material	橡胶 Rubber	橡胶 Rubber	橡胶 Rubber	橡胶 Rubber
轮胎硬度 (邵氏A) Tire hardness (shore A)	65±5%	65±5%	65±5%	65±5%
极对数 (对) Pole No (Pairs)	15	15	15	15
额定电压 (VDC) Rated Voltage (VDC)	24	24	24	24
额定扭矩 (N.m) Rated Torque (N.m)	5.5	5.5	4	5.5
峰值扭矩 (N.m) Peak Torque (N.m)	16	16	12	16
额定电流 (A) Rated Current (A)	6.5	6.5	10	6.5
峰值电流 (A) Peak Current (A)	19	19	30	19
额定转速 (RPM) Rated Speed (RPM)	200	200	500	200
最大转速 (RPM) Peak Speed (RPM)	260	260	560	260
最大负载 (KG/2sets) Maximum Load (KG/2sets)	120	120	100	120
编码器 Encoder	1024线 1024 Lines	1024线 1024 Lines	4096线 4096 Lines	4096线 4096 Lines
线电阻 (Ω) Wire Resistance(Ω)	0.75±10%	0.75±10%	0.15±10%	0.59±10%
线电感 (mH) Wire Inductance (mH)	1.285±10%	1.285±10%	0.27±10%	1.295±10%
反电动势常数 (V/RPM) Back EMF Constant (V/RPM)	0.107±10%	0.107±10%	0.057±10%	0.109±10%
重量 (KG) Weight (KG)	2.95±5%	3.0±5%	3.0±5%	2.95±5%
防护等级 Protection Level	IP54	IP54	IP65	IP65
绝缘电压 (V) Insulation Voltage (V)	DC500V, >20MΩ	DC500V, >20MΩ	DC500V, >20MΩ	DC500V, >20MΩ
绝缘强度 Dielectric Strength	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA
环境温度 (°C) Ambient Temperature (°C)	-20~+40	-20~+40	-20~+40	-20~+40
环境湿度 (%) Ambient Humidity (%)	20~80	20~80	20~80	20~80
适配驱动器 Matching Driver	ZLAC8015、ZLAC8015D	ZLAC8015、ZLAC8015D	ZLAC8015、ZLAC8015D	ZLAC8015、ZLAC8015D

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型号 Model	ZLLG65ASM250-4096 V2.0 (单轴)Single shaft	ZLLG65ASM500 V1.0 (单轴)Single shaft	ZLLG65ASM500 V1.0 (双轴)Double shaft	ZLLG65ASM500 V2.0 (单轴)Single shaft
实拍图 Photo				
标称 Nominal Size	6.5寸 6.5 inch	6.5寸 6.5 inch	6.5寸 6.5 inch	6.5寸 6.5 inch
外径尺寸 (mm) Wheel Diameter (mm)	173	165	165	165
出轴 Shaft Type	单出轴 Single shaft	单出轴 Single shaft	双出轴 Double shaft	单出轴 Single shaft
轮胎材质 Tire material	橡胶/聚氨酯 Rubber/PU	聚氨酯 PU	聚氨酯 PU	聚氨酯 PU
轮胎硬度 (邵氏A) Tire hardness (shore A)	65±5%	70±5%	70±5%	70±5%
极对数 (对) Pole No (Pairs)	15	15	15	15
额定电压 (VDC) Rated Voltage (VDC)	24	48	48	48
额定扭矩 (N.m) Rated Torque (N.m)	6	10	10	10
峰值扭矩 (N.m) Peak Torque (N.m)	18	30	30	30
额定电流 (A) Rated Current (A)	6	7	7	7
峰值电流 (A) Peak Current (A)	18	21	21	21
额定转速 (RPM) Rated Speed (RPM)	160	260	260	260
最大转速 (RPM) Peak Speed (RPM)	205	360	360	360
最大负载 (KG/2sets) Maximum Load (KG/2sets)	150	200	200	200
编码器 Encoder	4096线 4096 Lines	1024线 1024 Lines	1024线 1024 Lines	4096线 4096 Lines
线电阻 (Ω) Wire Resistance(Ω)	0.64±10%	0.75±10%	0.75±10%	0.75±10%
线电感 (mH) Wire Inductance (mH)	1.535±10%	1.91±10%	1.91±10%	1.91±10%
反电动势常数 (V/RPM) Back EMF Constant (V/RPM)	0.133±10%	0.168±10%	0.168±10%	0.168±10%
重量 (KG) Weight (KG)	3.75±5%	4.85±5%	4.85±5%	4.85±5%
防护等级 Protection Level	IP65	IP65	IP65	IP65
绝缘电压 (V) Insulation Voltage (V)	DC500V, >20MΩ	DC500V, >20MΩ	DC500V, >20MΩ	DC500V, >20MΩ
绝缘强度 Dielectric Strength	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA
环境温度 (°C) Ambient Temperature (°C)	-20~+40	-20~+40	-20~+40	-20~+40
环境湿度 (%) Ambient Humidity (%)	20~80	20~80	20~80	20~80
适配驱动器 Matching Driver	ZLAC8015、ZLAC8015D	ZLAC8015、ZLAC8030L	ZLAC8015、ZLAC8030L	ZLAC8015、ZLAC8030L







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型号 Model	ZLLG80ASM250 V1.0 (单轴)Single shaft	ZLLG80ASM250 V1.0 (双轴)Double shaft	ZLLG80ASM250-L V1.0 (单轴)Single shaft	ZLLG80ASM250-L V1.0 (双轴)Double shaft
实拍图 Photo				
标称 Nominal Size	8寸 8 inch	8寸 8 inch	8寸 8 inch	8寸 8 inch
外径尺寸 (mm) Wheel Diameter (mm)	200	200	200	<b>200</b>
出轴 Shaft Type	单出轴 Single shaft	双出轴 Double shaft	单出轴 Single shaft	双出轴 Double shaft
轮胎材质 Tire material	橡胶 Rubber	橡胶 Rubber	橡胶 Rubber	橡胶 Rubber
轮胎硬度 (邵氏A) Tire hardness (shore A)	65±5%	65±5%	60±5%	65±5%
极对数 (对) Pole No (Pairs)	15	15	15	15
额定电压 (VDC) Rated Voltage (VDC)	24	24	24	24
额定扭矩 (N.m) Rated Torque (N.m)	4	4	5.5	5.5
峰值扭矩 (N.m) Peak Torque (N.m)	12	12	16	16
额定电流 (A) Rated Current (A)	10	10	6.5	6.5
峰值电流 (A) Peak Current (A)	30	30	19	19
额定转速 (RPM) Rated Speed (RPM)	500	500	200	200
最大转速 (RPM) Peak Speed (RPM)	560	560	260	260
最大负载 (KG/2sets) Maximum Load (KG/2sets)	100	100	120	120
编码器 Encoder	1024线 1024 Lines	1024线 1024 Lines	1024线 1024 Lines	1024线 1024 Lines
线电阻 (Ω) Wire Resistance(Ω)	0.15±10%	0.15±10%	0.75±10%	0.75±10%
线电感 (mH) Wire Inductance (mH)	0.27±10%	0.27±10%	1.285±10%	1.285±10%
反电动势常数 (V/RPM) Back EMF Constant (V/RPM)	0.57±10%	0.57±10%	0.107±10%	0.107±10%
重量 (KG) Weight (KG)	3.5±5%	3.5±5%	3.6±5%	3.6±5%
防护等级 Protection Level	IP54	IP54	IP54	IP54
绝缘电压 (V) Insulation Voltage (V)	DC500V, >20MΩ	DC500V, >20MΩ	DC500V, >20MΩ	DC500V, >20MΩ
绝缘强度 Dielectric Strength	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA
环境温度 (°C) Ambient Temperature (°C)	-20~+40	-20~+40	-20~+40	-20~+40
环境湿度 (%) Ambient Humidity (%)	20~80	20~80	20~80	20~80
适配驱动器 Matching Driver	ZLAC8015、ZLAC8015D	ZLAC8015、ZLAC8015D	ZLAC8015、ZLAC8015D	ZLAC8015、ZLAC8015D





支持各种规格及要求定制! (Support customization of various specifications and requirements!)

型号 Model	ZLLG80ASM250 V3.0 (单轴)Single shaft	ZLLG80ASM250-L V3.0 (单轴)Single shaft	ZLLG80ASM250-4096 V2.0 (单轴)Single shaft	ZLLG80ASM800 V1.0 (单轴)Single shaft
实拍图 Photo				
标称 Nominal Size	8寸 8 inch	8寸 8 inch	8寸 8 inch	8寸 8 inch
外径尺寸 (mm) Wheel Diameter (mm)	200	200	206	200
出轴 Shaft Type	单出轴 Single shaft	单出轴 Single shaft	单出轴 Single shaft	单出轴 Single shaft
轮胎材质 Tire material	橡胶 Rubber	橡胶 Rubber	橡胶/聚氨酯 Rubber/PU	聚氨酯 PU
轮胎硬度 (邵氏A) Tire hardness (shore A)	65±5%	65±5%	65±5%	70±5%
极对数 (对) Pole No (Pairs)	15	15	15	20
额定电压 (VDC) Rated Voltage (VDC)	24	24	24	48
额定扭矩 (N.m) Rated Torque (N.m)	4	5.5	6	20
峰值扭矩 (N.m) Peak Torque (N.m)	12	16	18	60
额定电流 (A) Rated Current (A)	10	6.5	6	8.5
峰值电流 (A) Peak Current (A)	30	19	18	25
额定转速 (RPM) Rated Speed (RPM)	500	200	160	150
最大转速 (RPM) Peak Speed (RPM)	560	260	205	180
最大负载 (KG/2sets) Maximum Load (KG/2sets)	100	120	150	300
编码器 Encoder	4096线 4096 Lines	4096线 4096 Lines	4096线 4096 Lines	1024线 1024 Lines
线电阻 (Ω) Wire Resistance (Ω)	0.15±10%	0.75±10%	0.64±10%	0.7±10%
线电感 (mH) Wire Inductance (mH)	0.27±10%	1.285±10%	1.535±10%	1.885±10%
反电动势常数 (V/RPM) Back EMF Constant (V/RPM)	0.57±10%	0.107±10%	0.133±10%	0.262±10%
重量 (KG) Weight (KG)	3.55±5%	3.55±5%	3.75±5%	8.5±5%
防护等级 Protection Level	IP65	IP65	IP65	IP65
绝缘电压 (V) Insulation Voltage (V)	DC500V, >20MΩ	DC500V, >20MΩ	DC500V, >20MΩ	DC500V, >20MΩ
绝缘强度 Dielectric Strength	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA
环境温度 (°C) Ambient Temperature (°C)	-20~+40	-20~+40	-20~+40	-20~+40
环境湿度 (%) Ambient Humidity (%)	20~80	20~80	20~80	20~80
适配驱动器 Matching Driver	ZLAC8015、ZLAC8015D	ZLAC8015、ZLAC8015D	ZLAC8015、ZLAC8015D	ZLAC8030、ZLAC8030L





支持各种规格及要求定制! (Support customization of various specifications and requirements!)

型号 Model	ZLLG80ASM800 V1.0 (双轴)Double shaft	ZLLG80ASM800 V2.0 (单轴)Single shaft	ZLLG10ASM800-R V1.0 (单轴)Single shaft	ZLLG10ASM800-R V1.0 (双轴)Double shaft
实拍图 Photo				
标称 Nominal Size	8寸 8 inch	8寸 8 inch	9.5寸 9.5 inch	9.5寸 9.5 inch
外径尺寸 (mm) Wheel Diameter (mm)	200	200	239	239
出轴 Shaft Type	双出轴 Double shaft	单出轴 Single shaft	单出轴 Single shaft	双出轴 Double shaft
轮胎材质 Tire material	聚氨酯 PU	聚氨酯 PU	橡胶 Rubber	橡胶 Rubber
轮胎硬度 (邵氏A) Tire hardness (shore A)	70±5%	70±5%	65±5%	65±5%
极对数 (对) Pole No (Pairs)	20	20	20	20
额定电压 (VDC) Rated Voltage (VDC)	48	48	48	48
额定扭矩 (N.m) Rated Torque (N.m)	20	20	20	20
峰值扭矩 (N.m) Peak Torque (N.m)	60	60	60	60
额定电流 (A) Rated Current (A)	8.5	8.5	8.5	8.5
峰值电流 (A) Peak Current (A)	25	25	25	25
额定转速 (RPM) Rated Speed (RPM)	150	150	150	150
最大转速 (RPM) Peak Speed (RPM)	180	180	180	180
最大负载 (KG/2sets) Maximum Load (KG/2sets)	300	300	300	300
编码器 Encoder	1024线 1024 Lines	4096线 4096 Lines	1024线 1024 Lines	1024线 1024 Lines
线电阻 (Ω) Wire Resistance(Ω)	0.7±10%	0.7±10%	0.7±10%	0.7±10%
线电感 (mH) Wire Inductance (mH)	1.885±10%	1.885±10%	1.885±10%	1.885±10%
反电动势常数 (V/RPM) Back EMF Constant (V/RPM)	0.262±10%	0.262±10%	0.262±10%	0.262±10%
重量 (KG) Weight (KG)	8.5±5%	8.5±5%	9.0±5%	9.0±5%
防护等级 Protection Level	IP65	IP65	IP65	IP65
绝缘电压 (V) Insulation Voltage (V)	DC500V, >20MΩ	DC500V, >20MΩ	DC500V, >20MΩ	DC500V, >20MΩ
绝缘强度 Dielectric Strength	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA
环境温度 (°C) Ambient Temperature (°C)	-20~+40	-20~+40	-20~+40	-20~+40
环境湿度 (%) Ambient Humidity (%)	20~80	20~80	20~80	20~80
适配驱动器 Matching Driver	ZLAC8030、ZLAC8030L	ZLAC8030、ZLAC8030L	ZLAC8030、ZLAC8030L	ZLAC8030、ZLAC8030L

支持各种规格及要求定制! (Support customization of various specifications and requirements!)

型号 Model	ZLLG10ASM800-R V2.0 (单轴)Single shaft	ZLLG10ASM800 V1.0 (单轴)Single shaft	ZLLG10ASM800 V1.0 (双轴)Double shaft	ZLLG10ASM800 V2.0 (单轴)Single shaft
实拍图 Photo				
标称 Nominal Size	9.5寸 9.5 inch	10寸 5 inch	10寸 5 inch	10寸 5 inch
外径尺寸 (mm) Wheel Diameter (mm)	239	266	266	266
出轴 Shaft Type	单出轴 Single shaft	单出轴 Single shaft	双出轴 Double shaft	单出轴 Single shaft
轮胎材质 Tire material	橡胶 Rubber	橡胶 Rubber	橡胶 Rubber	橡胶 Rubber
轮胎硬度 (邵氏A) Tire hardness (shore A)	65±5%	65±5%	65±5%	65±5%
极对数 (对) Pole No (Pairs)	20	20	20	20
额定电压 (VDC) Rated Voltage (VDC)	48	48	48	48
额定扭矩 (N.m) Rated Torque (N.m)	20	20	20	20
峰值扭矩 (N.m) Peak Torque (N.m)	60	60	60	60
额定电流 (A) Rated Current (A)	8.5	8.5	8.5	8.5
峰值电流 (A) Peak Current (A)	25	25	25	25
额定转速 (RPM) Rated Speed (RPM)	150	150	150	150
最大转速 (RPM) Peak Speed (RPM)	180	180	180	180
最大负载 (KG/2sets) Maximum Load (KG/2sets)	300	300	300	300
编码器 Encoder	4096线 4096 Lines	1024线 1024 Lines	1024线 1024 Lines	4096线 4096 Lines
线电阻 (Ω) Wire Resistance(Ω)	0.7±10%	0.7±10%	0.7±10%	0.7±10%
线电感 (mH) Wire Inductance (mH)	1.885±10%	1.885±10%	1.885±10%	1.885±10%
反电动势常数 (V/RPM) Back EMF Constant (V/RPM)	0.262±10%	0.262±10%	0.262±10%	0.262±10%
重量 (KG) Weight (KG)	9.0±5%	9.5±5%	9.5±5%	9.5±5%
防护等级 Protection Level	IP65	IP65	IP65	IP65
绝缘电压 (V) Insulation Voltage (V)	DC500V, >20MΩ	DC500V, >20MΩ	DC500V, >20MΩ	DC500V, >20MΩ
绝缘强度 Dielectric Strength	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA
环境温度 (°C) Ambient Temperature (°C)	-20~+40	-20~+40	-20~+40	-20~+40
环境湿度 (%) Ambient Humidity (%)	20~80	20~80	20~80	20~80
适配驱动器 Matching Driver	ZLAC8030、ZLAC8030L	ZLAC8030、ZLAC8030L	ZLAC8030、ZLAC8030L	ZLAC8030、ZLAC8030L

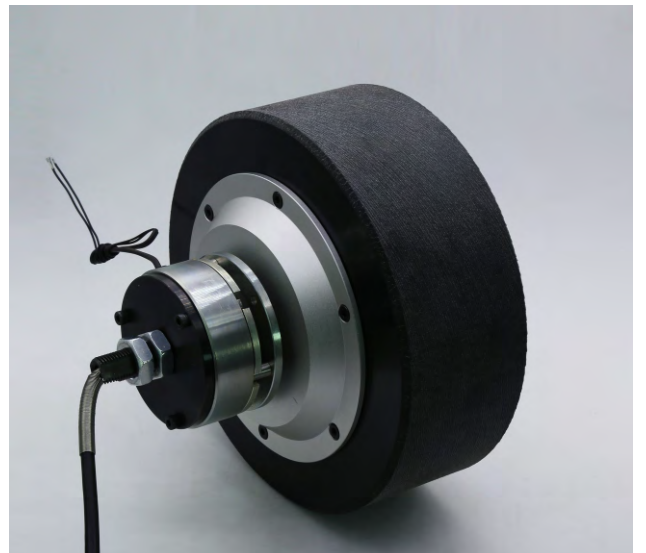
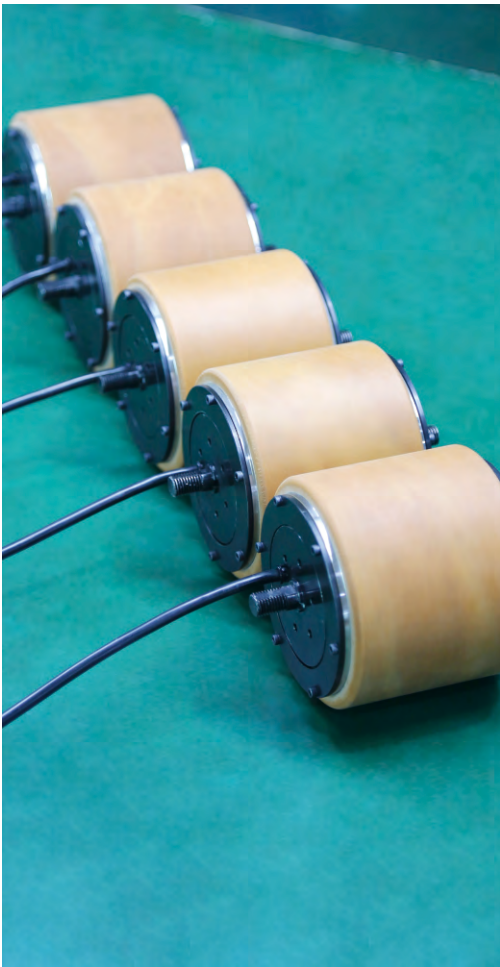
支持各种规格及要求定制! (Support customization of various specifications and requirements!)

型号 Model	ZLLG13ASM800 V2.0 (单轴)Single shaft	ZLLG14ASM800 V2.0 (单轴)Single shaft	ZLLG15ASM800 V2.0 (单轴)Single shaft	ZLLG16ASM800 V2.0 (单轴)Single shaft
实拍图 Photo				
标称 Nominal Size	13寸 13 inch	14寸 14 inch	15寸 15 inch	16寸 16 inch
外径尺寸 (mm) Wheel Diameter (mm)	337.4	358	388	398
出轴 Shaft Type	单出轴 Single shaft	单出轴 Single shaft	单出轴 Single shaft	单出轴 Single shaft
轮胎材质 Tire material	橡胶 Rubber	橡胶 Rubber	橡胶 Rubber	橡胶 Rubber
轮胎硬度 (邵氏A) Tire hardness (shore A)	65±5%	65±5%	65±5%	65±5%
极对数 (对) Pole No (Pairs)	20	20	20	20
额定电压 (VDC) Rated Voltage (VDC)	48	48	48	48
额定扭矩 (N.m) Rated Torque (N.m)	17	17	17	17
峰值扭矩 (N.m) Peak Torque (N.m)	51	51	51	51
额定电流 (A) Rated Current (A)	7.5	7.5	7.5	7.5
峰值电流 (A) Peak Current (A)	22	22	22	22
额定转速 (RPM) Rated Speed (RPM)	150	150	150	150
最大转速 (RPM) Peak Speed (RPM)	180	180	180	180
最大负载 (KG/2sets) Maximum Load (KG/2sets)	300	300	300	300
编码器 Encoder	4096线 4096 Lines	4096线 4096 Lines	4096线 4096 Lines	4096线 4096 Lines
线电阻 (Ω) Wire Resistance(Ω)	0.7±10%	0.7±10%	0.7±10%	0.7±10%
线电感 (mH) Wire Inductance (mH)	1.885±10%	1.885±10%	1.885±10%	1.885±10%
反电动势常数 (V/RPM) Back EMF Constant (V/RPM)	0.262±10%	0.262±10%	0.262±10%	0.262±10%
重量 (KG) Weight (KG)	9.5±5%	9.55±5%	9.7±5%	10.15±5%
防护等级 Protection Level	IP65	IP65	IP65	IP65
绝缘电压 (V) Insulation Voltage (V)	DC500V, >20MΩ	DC500V, >20MΩ	DC500V, >20MΩ	DC500V, >20MΩ
绝缘强度 Dielectric Strength	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA	600V/50HZ(1min), ≤5mA
环境温度 (°C) Ambient Temperature (°C)	-20~+40	-20~+40	-20~+40	-20~+40
环境湿度 (%) Ambient Humidity (%)	20~80	20~80	20~80	20~80
适配驱动器 Matching Driver	ZLAC8030、ZLAC8030L	ZLAC8030、ZLAC8030L	ZLAC8030、ZLAC8030L	ZLAC8030、ZLAC8030L

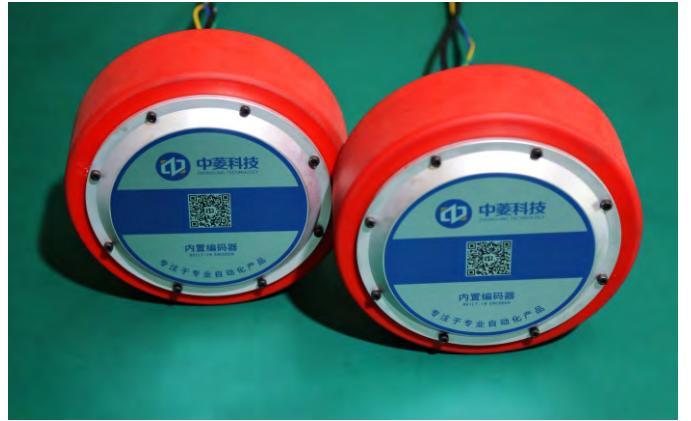


# 定制产品展示

## Custom Product Presentation









专 注 工 业 自 动 化 产 品

FOCUS ON INDUSTRIAL AUTOMATION PRODUCT

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