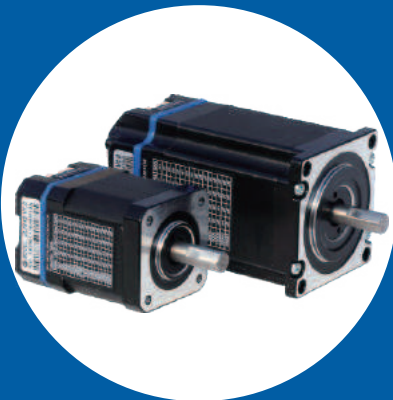


ZLTECH PRODUCT CATALOGUE

Specially Designed for

AGV, Service Robot and Electric Wheelchairs



企业简介 Company Profile

深圳中菱科技有限公司自成立以来，一直专注于工业自动化产品，是一家以研发、生产、销售为一体的高新科技公司。

公司汇集了一大批长期从事机电领域的研发精英，锲而不舍地为各工业自动化、机器人厂商提供高性价比的自动化产品，因为我们知道更好的产品来自务实的不断创新。

中菱科技以品质至上为生命线，以服务为灵魂，以创新为原动力，为客户提供一流的产品和解决方案，让每一位合作伙伴都可以放心使用我们的产品。

我们的产品主要包括一体化开/闭环步进电机、机器人AGV轮毂伺服电机、数字式步进系列、数字式闭环步进系列、低压直流伺服系列等，产品已广泛服务并应用于国内外近千家智能制造装备公司，中菱科技愿与您共同发展，一路前行！

Shenzhen ZhongLing Technology Co., Ltd. (ZLTECH) has been focusing on industrial automation product since its establishment. It is a high-tech company integrated R&D, production and sales.

ZLTECH brings together a large number of R&D elites who have been engaged in the electromechanical field for a long time, and perseveringly provides high-cost automation product for industrial automation and robot manufacturers, as we know that better product comes from pragmatic and continuous innovation.

ZLTECH takes quality as the lifeline, service as the soul, and innovation as the driving force to provide customer with first-class product and solution, so that every partner could use our product with confidence.

ZLTECH product mainly includes integrated step-servo motor, robot/AGV hub servo motor, digital stepper series, digital closed-loop stepper series, and low voltage DC servo motor series, etc. ZLTECH product has been widely served and applied to nearly a thousand intelligent manufacturing equipment companies at home and abroad, ZLTECH is willing to develop with you and move forward!

FOCUS ON INDUSTRIAL AUTOMATION PRODUCTS

企业愿景：成为最优秀的自动化品牌，服务于人类的智能制造

经营理念：艰苦奋斗、精益求精、追求卓越

服务理念：为客户创造价值

核心价值观：专注、创新、厚德、务实

Company Vision: **Become the best automation brand, and serve human intelligent manufacturing**

Business Philosophy: **Struggle hard, Strive for perfection, Strive for excellence**

Service Concept: **Create Value for Customer**

Core Value: **Focus, Innovation, Deep Virtue, Seek Truth From Facts**



企业资质及专利 Company Qualification & Patent



高新技术企业证书 High-tech Enterprise Certification



全系产品CE认证 CE Certification for all products



专利证书 Patent Certification

知名合作品牌 Cooperation



机器人AGV轮毂伺服电机系列

Robot/AGV Hub Servo Motor



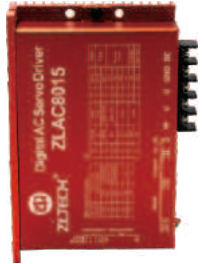
► 轮毂伺服电机驱动器命名规则

Servo Driver Naming Rules

示例 Example	<u>ZL</u>	<u>AC</u>	<u>70</u>	<u>6</u>	<u>-CAN</u>
	①	②	③	④	⑤
①	ZI: 中菱科技	ZL: Shenzhen ZhongLing Technology Co., Ltd.			
②	AC: 交流	AC: Alternating Current			
③	70: 最高输入电压 (70: 70V)	70: Max Input Voltage (70: 70V)			
④	6: 最高输出电流 (6: 6A)	6: Max Output Current (6: 6A)			
⑤	CAN: 通讯方式 (省缺: 232, CAN: 232/CAN, RC: 232/CAN/485, D: 一拖二驱动器)	CAN: Communication Method (Default: RS232 Protocol, CAN: CAN/RS232 Protocol, RC: 232/CAN/RS485 Protocol, One-driving-two servo driver)			

► 轮毂伺服电机驱动器选型

Servo Driver Selection

型号 Model	ZLAC706	ZLAC706-CAN	ZLAC8015	ZLAC8030
实拍图 photo-realistic				
工作电压 (V) Working Voltage	24V-60VDC	24V-60VDC	24V-48VDC	24V-80VDC
输出电流 (A) Output Current	均值 8A 峰值 24A Rated 8A,Max 24A	均值 8A 峰值 24A Rated 8A,Max 24A	均值 15A 峰值 30A Rated 15A,Max 30A	均值 32A 峰值 90A Rated 32A,Max 90A
通讯方式 Communication Method	脉冲、RS232 Pulse、RS232	脉冲、RS232、CANOpen Pulse、RS232、CANOpen	CANOpen、RS485	脉冲、RS232、CANOpen Pulse、RS232、CANOpen
外形尺寸 (mm) Dimension	118x76x34	118x76x34	118x76x34	168x99x31
适配轮毂伺服电机 Adapted Hub Servo Motor	常规款轮毂伺服电机 Hub Servo Motor with Power less than 400W	常规款轮毂伺服电机 Hub Servo Motor with Power less than 400W	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

► 轮毂伺服电机命名规则

Hub Servo Motor Naming Rules

示例 Example	ZL LG 65 ASM 250 单/双轴 						
	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: Motor 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 Shaft: Single/Double Shaft			
⑦	 : 特殊定制型号			 : Special Customized Model			

► 轮毂伺服电机选型 Hub Servo Motor Selection

型号 Model	ZLLG35ASM400-18(双轴) Double shaft	ZLLG40ASM100(单轴) Single shaft	ZLLG40ASM100(双轴) Double shaft	ZLLG45ASM200(双轴) Double shaft
实拍图 photo-realistic				
外径尺寸 Wheel Diameter	114mm	108mm	108mm	123mm
额定电压 Rated Voltage	24VDC	24VDC	24VDC	24VDC
额定输出功率 Power	400W	50-150W	50-150W	50-250W
额定转矩 Rated Torque	20N.m	3N.m	3N.m	6N.m
瞬间最大转矩 Maximum Torque	40N.m	6N.m	6N.m	12N.m
额定转速 Rated Speed	180RPM	280RPM	280RPM	300RPM
最高转速 Maximum Speed	260RPM	400RPM	400RPM	400RPM
额定相电流 Rated Phase Current	20A	2-8A	2-8A	5-15A
瞬间最大电流 Max Phase Current	40A	16A	16A	30A
编码器线 Encoder	1024线 1024-wire	1024线 1024-wire	1024线 1024-wire	1024线 1024-wire
建议双轮负载 Suggested Load/2 Motors	≤500KG	≤50KG	≤50KG	≤150KG

型号 Model	ZLLG45ASM200(双轴带油封) Double shaft Pattern Oil Seal	ZLLG50ASM200(单轴) Single shaft	ZLLG50ASM200(双轴) Double shaft	ZLLG55ASM150(单轴) Single shaft
实拍图 photo-realistic				
外径尺寸 Wheel Diameter	128mm	130mm	130mm	139mm
额定电压 Rated Voltage	24VDC	24VDC	24VDC	24VDC
额定输出功率 Power	50-250W	100-200W	100-200W	100-200W
额定转矩 Rated Torque	6N.m	3.2N.m	3.2N.m	3.2N.m
瞬间最大转矩 Maximum Torque	12N.m	6.4N.m	6.4N.m	6.4N.m
额定转速 Rated Speed	300RPM	400RPM	400RPM	400RPM
最高转速 Maximum Speed	400RPM	500RPM	500RPM	500RPM
额定相电流 Rated Phase Current	5-15A	2-8A	2-8A	2-8A
瞬间最大电流 Max Phase Current	30A	16A	16A	16A
编码器线 Encoder	1024线 1024-wire	1024线 1024-wire	1024线 1024-wire	1024线 1024-wire
建议双轮负载 Suggested Load/2 Motors	≤150KG	≤60KG	≤60KG	≤60KG

型号 Model	ZLLG55ASM150(双轴) Double shaft	ZLLG65ASM250(单轴) Single shaft	ZLLG65ASM250(双轴) Double shaft	ZLLG65ASM250-L(单轴) Single shaft
实拍图 photo-realistic				
外径尺寸 Wheel Diameter	139mm	170mm	170mm	170mm
额定电压 Rated Voltage	24VDC	24-48VDC	24-48VDC	24VDC
额定输出功率 Power	100-200W	100-350W	100-350W	150W
额定转矩 Rated Torque	3.2N.m	5N.m	5N.m	6.5N.m
瞬间最大转矩 Maximum Torque	6.4N.m	10N.m	10N.m	13N.m
额定转速 Rated Speed	400RPM	400RPM	400RPM	200RPM
最高转速 Maximum Speed	500RPM	600RPM	600RPM	260RPM
额定相电流 Rated Phase Current	2-8A	3-17A	3-17A	4A
瞬间最大电流 Max Phase Current	16A	34A	34A	8A
编码器线 Encoder	1024线 1024-wire	1024线 1024-wire	1024线 1024-wire	1024线 1024-wire
建议双轮负载 Suggested Load/2 Motors	≤60KG	≤100KG	≤100KG	≤120KG

型号 Model	ZLLG65ASM250-L(双轴) Double shaft	ZLLG65ASM500(单轴) Single shaft Pattern Oil Seal	ZLLG65ASM500(双轴) Double shaft Pattern Oil Seal	ZLLG65ASM250-4096(单轴) Single shaft Pattern Oil Seal
实拍图 photo-realistic				
外径尺寸 Wheel Diameter	170mm	165mm	165mm	170mm
额定电压 Rated Voltage	24VDC	24-48VDC	24-48VDC	24-48VDC
额定输出功率 Power	150W	500W	500W	100-350W
额定转矩 Rated Torque	6.5N.m	22N.m	22N.m	8N.m
瞬间最大转矩 Maximum Torque	13N.m	44N.m	44N.m	16N.m
额定转速 Rated Speed	200RPM	200RPM	200RPM	200RPM
最高转速 Maximum Speed	260RPM	300RPM	300RPM	300RPM
额定相电流 Rated Phase Current	4A	17A	17A	8A
瞬间最大电流 Max Phase Current	8A	34A	34A	16A
编码器线 Encoder	1024线 1024-wire	磁编、光编可选 magnetic encoder/optical encoder	磁编、光编可选 magnetic encoder/optical encoder	1024/2500/4096线磁编 1024/2500/4096-wire magnetic encoder
建议双轮负载 Suggested Load/2 Motors	≤120KG	≤200KG	≤200KG	≤150KG

型号 Model	ZLLG80ASM250(单轴) Single shaft	ZLLG80ASM250(双轴) Double shaft	ZLLG80ASM250-L(单轴) Single shaft	ZLLG80ASM250-L(双轴) Double shaft
实拍图 photo-realistic				
外径尺寸 Wheel Diameter	200mm	200mm	200mm	200mm
额定电压 Rated Voltage	24-48VDC	24-48VDC	24VDC	24VDC
额定输出功率 Power	50-350W	50-350W	150W	150W
额定转矩 Rated Torque	5N.m	5N.m	6.5N.m	6.5N.m
瞬间最大转矩 Maximum Torque	10N.m	10N.m	13N.m	13N.m
额定转速 Rated Speed	400RPM	400RPM	200RPM	200RPM
最高转速 Maximum Speed	600RPM	600RPM	260RPM	260RPM
额定相电流 Rated Phase Current	3-17A	3-17A	4A	4A
瞬间最大电流 Max Phase Current	34A	34A	8A	8A
编码器线 Encoder	1024线 1024-wire	1024线 1024-wire	1024线 1024-wire	1024线 1024-wire
建议双轮负载 Suggested Load/2 Motors	≤100KG	≤100KG	≤120KG	≤120KG

型号 Model	ZLLG80ASM800(单轴) Single shaft Pattern Oil Seal	ZLLG80ASM800(双轴) Double shaft Pattern Oil Seal	ZLLG80ASM250-4(双轴) Double shaft	ZLLG80ASM250-4096(单轴) Single shaft Pattern Oil Seal
实拍图 photo-realistic				
外径尺寸 Wheel Diameter	200mm	200mm	200mm	206mm
额定电压 Rated Voltage	24-48VDC	24-48VDC	36VDC	24-48VDC
额定输出功率 Power	500-800W	500-800W	100-350W	100-350W
额定转矩 Rated Torque	40N.m	40N.m	9N.m	8N.m
瞬间最大转矩 Maximum Torque	80N.m	80N.m	18N.m	16N.m
额定转速 Rated Speed	200RPM	200RPM	200RPM	200RPM
最高转速 Maximum Speed	300RPM	300RPM	260RPM	300RPM
额定相电流 Rated Phase Current	20A	20A	8A	8A
瞬间最大电流 Max Phase Current	40A	40A	16A	16A
编码器线 Encoder	磁编、光编可选 magnetic encoder/optical encoder	磁编、光编可选 magnetic encoder/optical encoder	1024线 1024-wire	1024/2500/4096线磁编 1024/2500/4096-wire magnetic encoder
建议双轮负载 Suggested Load/2 Motors	≤300KG	≤300KG	≤150KG	≤150KG

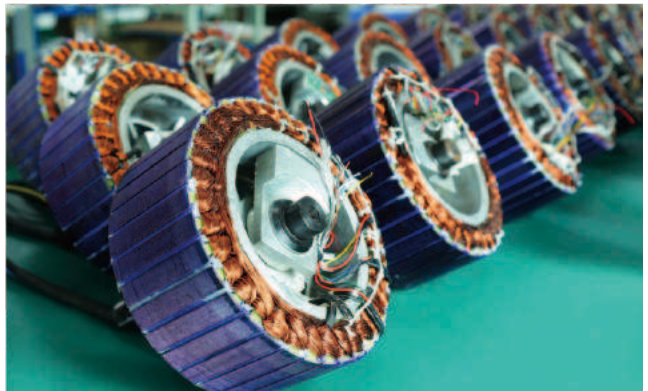
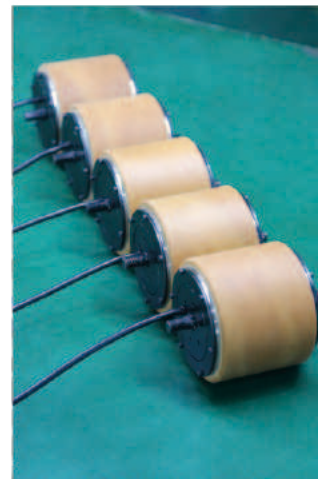
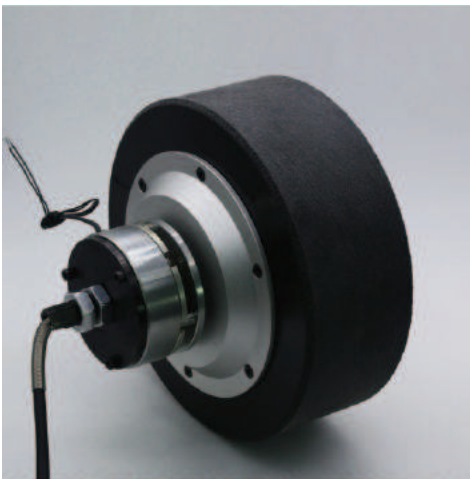
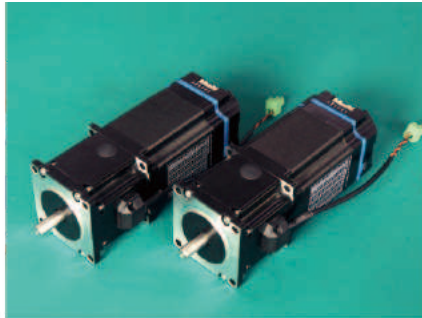
型号 Model	ZLLG10ASM800(单轴) Single shaft Pattern Oil Seal	ZLLG10ASM800(双轴) Double shaft Pattern Oil Seal
实拍图 photo-realistic		
外径尺寸 Wheel Diameter	266mm	266mm
额定电压 Rated Voltage	24-48VDC	24-48VDC
额定输出功率 Power	500-800W	500-800W
额定转矩 Rated Torque	40N.m	40N.m
瞬间最大转矩 Maximum Torque	80N.m	80N.m
额定转速 Rated Speed	200RPM	200RPM
最高转速 Maximum Speed	300RPM	300RPM
额定相电流 Rated Phase Current	20A	20A
瞬间最大电流 Max Phase Current	40A	40A
编码器线 Encoder	磁编、光编可选 magnetic encoder/optical encoder	磁编、光编可选 magnetic encoder/optical encoder
建议双轮负载 Suggested Load/2 Motors	≤300KG	≤300KG

型号 Model	ZLLG10ASM800-R(单轴) Single shaft Pattern Oil Seal	ZLLG10ASM800-R(双轴) Double shaft Pattern Oil Seal	ZLLG16ASM800(单轴) Single shaft
实拍图 photo-realistic			
外径尺寸 Wheel Diameter	253mm	253mm	400mm
额定电压 Rated Voltage	24-48VDC	24-48VDC	48VDC
额定输出功率 Power	500-800W	500-800W	500W
额定转矩 Rated Torque	40N.m	40N.m	20N.m
瞬间最大转矩 Maximum Torque	80N.m	80N.m	40N.m
额定转速 Rated Speed	200RPM	200RPM	200RPM
最高转速 Maximum Speed	300RPM	300RPM	300RPM
额定相电流 Rated Phase Current	20A	20A	20A
瞬间最大电流 Max Phase Current	40A	40A	40A
编码器线 Encoder	磁编、光编可选 magnetic encoder/optical encoder	磁编、光编可选 magnetic encoder/optical encoder	1024线 1024-wire
建议双轮负载 Suggested Load/2 Motors	≤300KG	≤300KG	≤150KG

定制产品展示

Custom Product Presentation







Smart Factory Solution

- **Service Robot & AGV**

Official Distribution Partner in Korea, Motor114

Email: brysonlee@motor114.co.kr (Sales)

thsgml114@motor114.co.kr (CS Team)