中源动力
ZYDL Electric

低速大扭矩及直驱交流伺服系统
产品EMT/EHD系列

Torque & Direct Drive AC Servo Systems
EMT/EHD Series

中源动力电气专注于传动控制领域高端产品的开发、生产和销售，现为国家重点支持的交流伺服系统研发和生产基地。本公司精心研制的全数字交流伺服系统拥有完全自主知识产权，广泛应用于数控机床、纺织机械、塑料机械、印刷机械、木工机械、自动化生产线等众多工业控制领域，现已与国内外众多机械制造商建立了长期的战略合作关系，成为其运动控制产品的首选合作伙伴

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EMT 系列直接驱动力矩电机
Series Direct Drive Torque Motor

产品特性 / Features

- 低速、大扭矩
- 低惯量
- 峰值转矩达到额定转矩的400%
- 有自然冷却、风冷、水冷可选
- 配备旋转变压器
- 17位绝对值高分辨率串行编码器（可选）

- Low speed, large torque
- Low inertia
- Peak torque is up to four times of rated torque
- Cool off options for nature, wind & water
- Equipped with resolver
- High-resolution, 17 bits serial encoder (option)

用途事例 / Application

- 伺服压力机
- 伺服回转头冲床
- 注塑机
- 其它

- Servo pressing machine
- Servo turrent punch press
- Plastic injection machine
- Others

型号说明 / Specification Description

EMT - 050 D R A 3 3

EMT	050	D	R	A	3	3
EMT型伺服电机 EMT Model Servo Motor	额定输出功率 Rated Output Power	电源电压 Power Voltage	编码器 Encoder	传动形式 Drive	轴端 Shaft End	选购件 Opition Parts

额定输出功率 Rated Output Power

记号 Sign	规格 Specification
035	35kW
050	50kW
070	70kW
100	100kW
105	105kW

电源电压 Power Voltage

记号 Sign	规格 Specification
D	400VAC

编码器 Encoder

记号 Sign	规格 Specification
R	旋转变压器 Resolver
S	17位绝对值：131072P/R 17 bits Absolute encoder: 131072P/R

传动形式 Drive

记号 Sign	规格 Specification
A	实心轴 Solid Shaft
S	空心轴 Hollow Shaft

轴端 Shaft End

记号 Sign	规格 Specification
1	不带键 Without Keys
2	带渐开线花键 Involute Spline
3	带矩形花键 Rectangle Spline
4	带双平键 With Double-flat Keys
5	带单平键 With Single-flat Keys

选购件 Opition Parts

记号 Sign	规格 Specification
1	不带选购件 None
2	带油封 With Oil Seal
3	带制动器 With Brake
4	带油封，带制动器 With Oil Seal, with Brake
5	不带油封和制动器，但预留键槽 Without Oil Seal and Brake

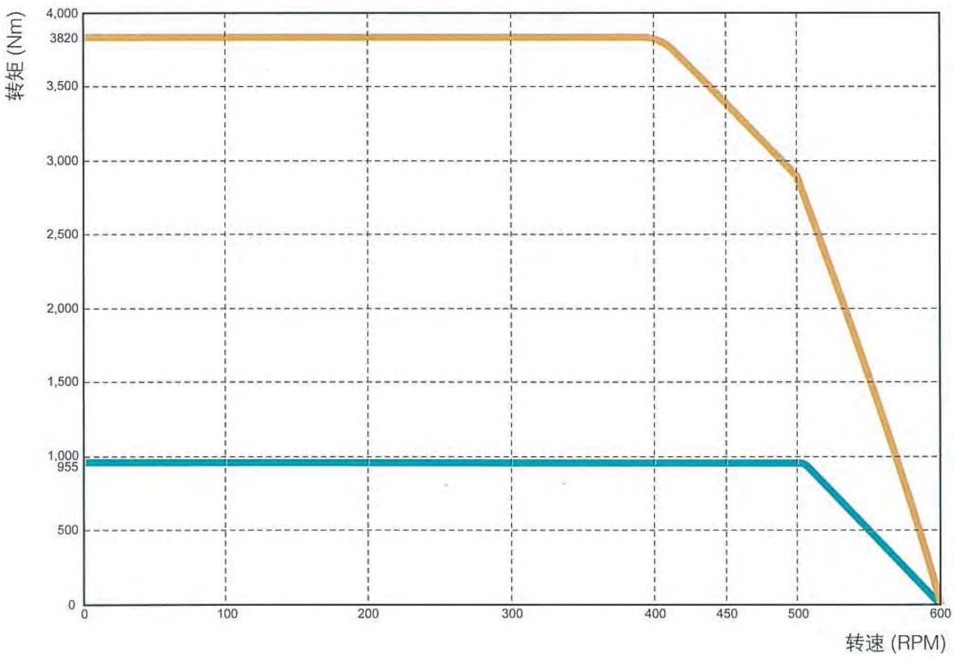
中源动力 ZYDL Electric

规格和额定值 / Specifications and Rated Value

电压 Voltage			380VAC				
伺服驱动器型号	Servo Drive Model	EHD-	3E	5Z	7Z	AZ	AE
伺服电机型号	Servo Motor Model	EMT-	035D	050D	070D	100D	105D
额定输出功率	Rated Power	kW	35	50	70	100	105
额定转矩	Rated Torque	N•m	669	955	1337	2388	3343
瞬间最大转矩	Instantaneous Peak Torque	N•m	2676	3820	5350	9550	13370
额定电流	Rated Current	Arms	70.5	90	147	190	208
瞬间最大电流	Instantaneous Peak Current	Arms	282	380	588	760	832
额定转速	Rated Rotation Speed	min^{-1}	500			400	300
反馈元件	Feedback Component	标准/Standard	旋转变压器 Resolver				
		选项/Option	17位绝对值：131072P/R 17 Bits Encoder: 131072P/R				
转子转动惯量	Rator Inertia	$kg•m^2$	0.55	1.49	2.10	3.72	7.80
耐热等级	Insulation Class		B level				
环境温度	Ambient Temperature		0 ~ +40℃ (不结冻) 0 ~ + 40℃ (No Freezing)				
环境湿度	Ambient Humidity		20 ~ 80% RH (不结露) 20 ~ 80% RH (Non-condensing)				
保护方式	Protection level		全封闭，自冷，IP54 (除输出轴和连接器) Totally enclosed, self-cooled, IP54 (Except for shaft opening and connectors)				

转矩-转速特性
Torque-Speed Feature

T– ω 曲线 (EMT–050DRA33)



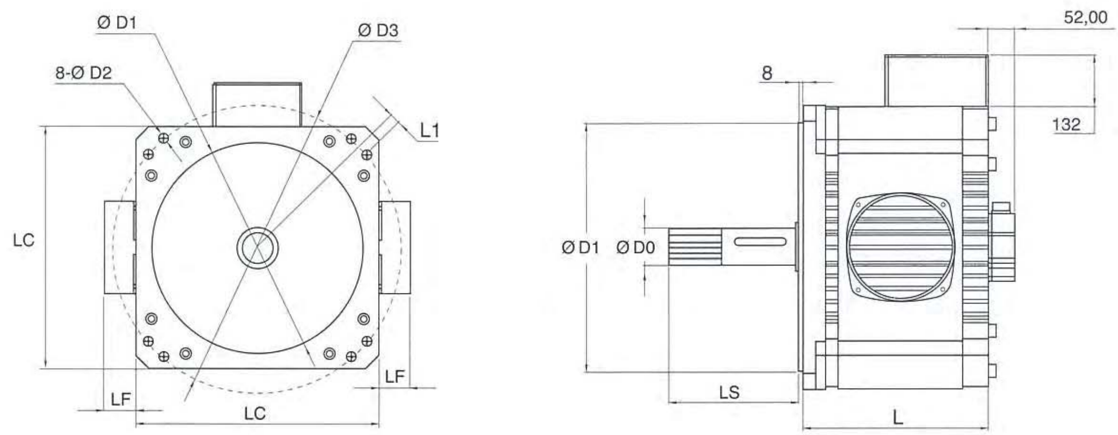
A 连续运行区域 Continuous Duty Zone

B 短时运行区域 Intermittent Duty Zone

外形尺寸 / Dimension

电机安装尺寸 (以风冷为例)
Installation dimension of motor (taking wind-cooling for instance)

单位: 毫米 Unit: mm



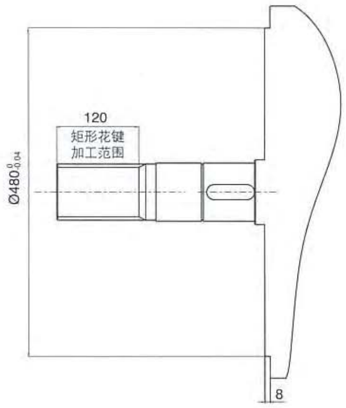
型号 Model EMT-	L	D0	安装尺寸 Dimension LC	L1	LF	D1	D2	D3	LS
035D	492	70	400	0	72	350	4-Ø19	485	252
050D	423	75~85	550	25	72	480	22	630	252
070D	470								
100D	590								
105D	510	90	750	35	90	680	22	845	252

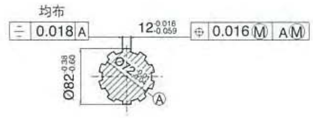
(注) 1、轴伸部分（LS）根据用户要求定制。 2、上图中风扇为可选，无风冷时LF = 0。

(Notes) 1, Shaft part（LS）could be customised. 2, Fan is optional. LF = 0 when it is not wind-cooled.

轴伸部分尺寸 (以矩形花键为例)
Dimension of axis stretch part
(Spline GB/T 1144-2001)

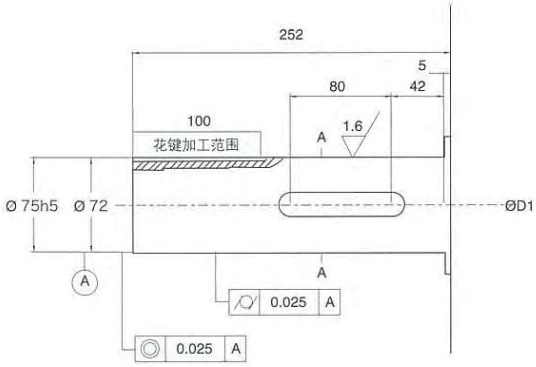
单位: 毫米 Unit: mm

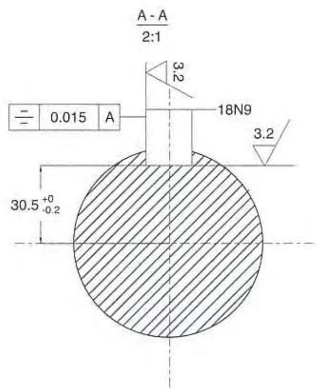




轴伸部分尺寸 (以渐开线花键为例)
Dimension of axis stretch part
(Spline GB/T 3478-2008)

单位: 毫米 Unit: mm





项目 Items		规格 Specifications	项目 Items		规格 Specifications
齿数 Tooth Number	Z	24	大径 Large-diameter	Dei	75
模数 Modulus	M	3	渐开线起始圆最大值 Maximum form Circle	Dfe_{max}	68.4023
压力角 Pressure Angle	α_D	30°	小径 Small-diameter	dei	67.5
公差等级 Tolerance Grade	5h	5HGB/3478.1-1995	周节累积公差 Accumulative Pitch Tolerance	f_p	0.047
齿根圆弧最小曲率半径 Minimum Curvature Radius of Root Circular-arc	Re_{min}	0.6	齿根圆弧最小曲率半径 Minimum Curvature Radius of Root Circular-arc	Re_{min}	0.6
实际齿厚最大值 Maximum Actual Tooth Thickness	S_{max}	4.6791	齿形公差 Tolerance of Tooth Profile	f_f	0.0258
实际齿厚最小值 Minmum Actual Tooth Thickness	S_{min}	4.6327	齿向公差 Tolerance of Longitudinal Tooth	f_β	0.075

(注) 以上轴伸花键、平键部分可根据用户要求定制。

(Notes) Splines and flat keys can be made based on need of customers.

EMT2 系列直接驱动力矩电机

Series Direct Drive Torque Motor

直驱力矩电机(Direct Drive Torque Motor)不同于传统工频力矩电机的概念，特指转矩介于几百至几千直至上万牛米，能够在几十至几百转的低速输出功率的同步电机。目前一般的形式是带反馈元件的三相永磁同步电机，配合伺服驱动器使用。此类电机与负载一般采用直接联结，省去了减速齿轮等传动装置，可实现无磨损、无背隙的高刚性高效联结。

直驱力矩电机具有低速、大扭矩、转速连续可调、可做转速、转矩、位置控制等功能。选用时依据电机的额定转矩和最大转矩，不需考虑功率。

The Direct Drive Torque Motors are different from conventional torque motors, but specialize in applications which need to output from hundreds to thousands Newton Meters in a very low rotate speed such as decades to hundreds rpm. The motor is directly coupled to a load without a mechanical transmission such as a gearbox, thus the system can provide a high extremely rigid connection which is free of backlash.

Generally, the Direct Drive Torque Motor has a series of characters such as low speed, large torque, speed continuously adjusting and speed/torque/position controlling, etc. It can be chosen according to the rated torque / maximum torque and rotate speed requested, and needs not to put much attention to the rated power.

应用方向 / Applications

- 挤压机主驱动
- 压铸机蜗杆传动
- 拉膜机牵引辊传动
- 松紧辊，砑光辊，压延辊和冷却辊
- 动态定位加工，例如回转工作台，定时输送带
- 替代液压电机
- 造纸机滚子驱动
- 连续运行的货物传送带 (例如纸张、纺织品、金属片) 的横锯机驱动
- 拉丝机
- 切割机
- 钢丝锯床
- 卷绕机、绞盘 (车)、卷绕张力控制
- 测试系统
- 包装机
- 印刷
- 机床
- 木工机床
- 压片机 (化学、制药)

- Main extruder drives
- Worm drives for injection molding machines
- Pull-roll drives for foil drawing machines
- Stretch, calender, casting and cooling rolls
- Dynamic positioning tasks, e.g. rotary tables, clocked conveyor belts
- Replacing hydraulic motors
- Roll drives in paper machines
- Cross-cutter drives for continuous material webs (e.g. paper, textiles, sheet steel, etc.)
- Wire-drawing machines
- Chippers
- Wire saws
- Winches
- Testing system
- Packing machines
- Printing machines
- Machine tools
- Wood-working machines
- Bead machines

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特点 / Characters

- 利用有限元分析 (FEA) 软件仿真设计，优化电磁、热、结构性能参数
- 过载倍数在2.25~2.25倍
- 空心轴设计，低转动惯量
- 水冷设计，提高功率密度
- 安装方式分法兰安装、机座安装
- 输出形式有伸出实心轴、空心轴以及多种键联结可选
- 可选装推力轴承
- 根据用户需求定制

- Optimized magnet/thermo/structure parameters from FEA simulation tools
- 2.25~2.5 times overload
- Hollow rotor design, low inertia
- Water cooling for high power density
- IM B14/IM B34
- Solid shaft / hollow shaft and serial coupling forms optional
- Trust bearing optional
- Customization available

型号说明 / Specification Description

EMT2 - □□□ □ □ □ □ □ □ □ □ □□□

EMT2系列 系列直接驱动力矩电机 EMT2 Series Direct Drive Torque Motor 【2】 【3】 【4】 【5】 【6】 【7】 【8】 【9】 【10】 【11】

【2】 中心高/机座号 Shaft Height

记号 Sign	规格 Specification
15X	150~159 mm
21X	210~219 mm
28X	280~289 mm
31X	310~319 mm

【3】 电机总长 Overall Length

记号 Sign
E
F
G
H
J
K
L

【4】 冷却方式 Cooling Type

记号 Sign	规格 Specification
W	水冷 Water Cooling

【5】 转速 Speed

记号 Sign	规格 Specification
C	100 rpm
D	150 rpm
E	200 rpm
G	300 rpm
J	400 rpm
L	500 rpm
R	750 rpm
W	1000 rpm

【6】 位置传感器 Position Sensor

记号 Sign	规格 Specification
O	无位置传感器 No Sensor
A	旋转变压器 Resolver
E	多摩川17位绝对式编码器 TAMAGAWA 17 Bits Abs Encoder
G	海德汉因 ECN1313 HEIDENHAIN ECN1313
H	海德汉因 EQN1325 HEIDENHAIN EQN1325
…	其它 Others

【7】 轴端型式 Shaft End

记号 Sign	规格 Specification
V	实心轴 Solid Shaft
H	空心轴 Hollow Shaft
T	推力轴承 Trust Bearing

【8】 轴端选项(键配置) Shaft Options

记号 Sign	规格 Specification
A	无键 Smooth Shaft
B	单平键 With Key
C	双平键 2 Keys
D	矩形外花键 External Spline GB/T 1144-2001
E	渐开线外花键 External Spline GB/T 3478-2008
F	矩形内花键 Internal Spline GB/T 1144-2001
G	渐开线内花键 Internal Spline GB/T 3478-2008
H	盲孔单平键 Blind Bore with key
J	盲孔双平键 Blind Bore with 2 keys

【9】 结构型式(IM) Design

记号 Sign	规格 Specification
3	IM B14
5	IM B34-Foot B Side
6	IM B34-Foot A and B Side

【10】 出线方式 Main Connection Outlet

记号 Sign	规格 Specification
L	出线盒左侧放置，下出线 Terminal Box Left,Cable Outlet Down
R	出线盒右侧放置，下出线 Terminal Box Right,Cable Outlet Down
X	出线盒上侧放置，左侧出线 Terminal Box Top,Cable Outlet Left
Y	出线盒上侧放置，右侧出线 Terminal Box Top,Cable Outlet Right

【11】 定制选项 Special Design

记号 Sign	规格 Specification
000	无 No Special Design
XXX	定制设计(内部代号) Special Design (Internal Coding)

规格和额定值 / Specifications and Rated Value

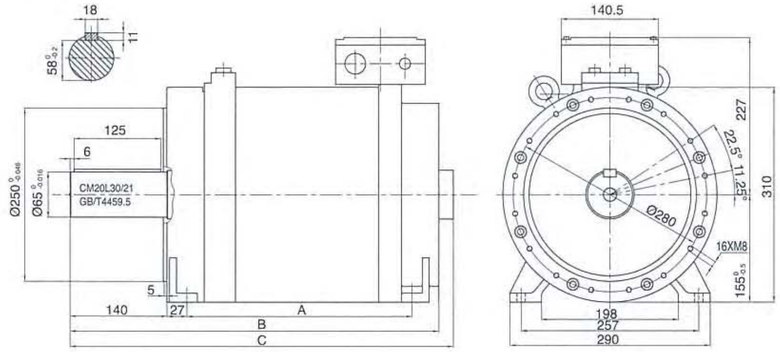
伺服电机 Servo Motor		额定功率 Rated Power	额定转矩 Rated Torque	最大转矩 Peak Torque	额定转速 Rated Speed	额定电流 Rated Current	最大电流 Max Current	转动惯量 Rotor Moment	ΦLC
系 列 Serial	型 号 Model	kW	N·m	N·m	min^{-1}	A(rms)	A(rms)	$kg{\cdot}m^2$	(mm)
EMT2-15X	EMT2-15XEWE...000	2.1	100	225	200	2.7	6.1	0.07	280
	EMT2-15XFWE...000	4.2	200	450	200	5.4	12.2	0.11	
	EMT2-15XGWE...000	6.3	300	675	200	8.1	18.2	0.15	
	EMT2-15XHWE...000	8.4	400	900	200	10.8	24.3	0.19	
	EMT2-15XJWE...000	10.5	500	1125	200	13.5	30.4	0.24	
	EMT2-15XEWG...000	3.1	100	225	300	4.1	9.1	0.07	
	EMT2-15XFWG...000	6.3	200	450	300	8.1	18.2	0.11	
	EMT2-15XGWG...000	9.4	300	675	300	12.2	27.3	0.15	
	EMT2-15XHWG...000	12.6	400	900	300	16.2	36.5	0.19	
	EMT2-15XJWG...000	15.7	500	1125	300	20.3	45.6	0.24	
	EMT2-15XEWL...000	5.2	100	225	500	6.8	15.2	0.07	
	EMT2-15XFWL...000	10.5	200	450	500	13.5	30.4	0.11	
	EMT2-15XGWL...000	15.7	300	675	500	20.3	45.6	0.15	
	EMT2-15XHWL...000	20.9	400	900	500	27.0	60.8	0.19	
	EMT2-15XJWL...000	26.2	500	1125	500	33.8	75.9	0.24	
	EMT2-15XEWR...000	7.9	100	225	750	10.1	22.8	0.07	
	EMT2-15XFWR...000	15.7	200	450	750	20.3	45.6	0.11	
	EMT2-15XGWR...000	23.6	300	675	750	30.4	68.3	0.15	
	EMT2-15XHWR...000	31.4	400	900	750	40.5	91.1	0.19	
	EMT2-15XJWR...000	39.3	500	1125	750	50.6	113.9	0.24	
EMT2-21X	EMT2-21XEWD...000	4.7	300	675	150	9.5	21.4	0.25	400
	EMT2-21XFWD...000	7.9	500	1125	150	15.5	34.9	0.36	
	EMT2-21XGWD...000	11.8	750	1687.5	150	17.6	39.7	0.44	
	EMT2-21XHWD...000	15.7	1000	2250	150	23.5	52.9	0.63	
	EMT2-21XJWD...000	23.6	1500	3375	150	31.5	70.9	0.9	
	EMT2-21XKWD...000	31.4	2000	4500	150	47	105.8	1.17	
	EMT2-21XEWG...000	9.4	300	675	300	19	42.8	0.25	
	EMT2-21XFWG...000	15.7	500	1125	300	31	69.8	0.36	
	EMT2-21XGWG...000	23.6	750	1687.5	300	35.3	79.3	0.44	
	EMT2-21XHWG...000	31.4	1000	2250	300	47	105.8	0.63	
	EMT2-21XJWG...000	47.1	1500	3375	300	63	141.8	0.9	
	EMT2-21XKWG...000	62.8	2000	4500	300	94	211.5	1.17	
	EMT2-21XEWL...000	15.7	300	675	500	31	69.8	0.25	
	EMT2-21XFWL...000	26.2	500	1125	500	52	117	0.36	
	EMT2-21XGWL...000	39.3	750	1687.5	500	78.5	176.6	0.44	
	EMT2-21XHWL...000	52.4	1000	2250	500	105	236.3	0.63	
	EMT2-21XJWL...000	78.5	1500	3375	500	157	353.3	0.9	
	EMT2-21XKWL...000	104.7	2000	4500	500	210	472.5	1.17	
	EMT2-21XEWR...000	23.6	300	675	750	44	99	0.25	
	EMT2-21XFWR...000	39.3	500	1125	750	73	164.3	0.36	
	EMT2-21XGWR...000	58.9	750	1687.5	750	110	247.5	0.44	
	EMT2-21XHWR...000	78.5	1000	2250	750	147	330.8	0.63	
	EMT2-21XJWR...000	117.8	1500	3375	750	220	495	0.9	
	EMT2-21XKWR...000	157.1	2000	4500	750	294	661.5	1.17	
	EMT2-21XEWW...000	31.4	300	675	1000	62	139.5	0.25	
	EMT2-21XFWW...000	52.4	500	1125	1000	104	234	0.36	
	EMT2-21XGWW...000	78.5	750	1687.5	1000	157	353.3	0.44	
	EMT2-21XHWW...000	104.7	1000	2250	1000	210	472.5	0.63	
	EMT2-21XJWW...000	157.1	1500	3375	1000	314	706.5	0.9	
	EMT2-21XKWW...000	209.4	2000	4500	1000	420	945	1.17	

伺服电机 Servo Motor		额定功率 Rated Power	额定转矩 Rated Torque	最大转矩 Peak Torque	额定转速 Rated Speed	额定电流 Rated Current	最大电流 Max Current	转动惯量 Rotor Moment	ΦLC
系 列 Serial	型 号 Model	kW	N·m	N·m	min^{-1}	A(rms)	A(rms)	$kg \cdot m^2$	(mm)
	EMT2-28XEWD...000	23.6	1500	3375	150	50	112.5	1.5	
	EMT2-28XFWD...000	31.4	2000	4500	150	66	148.5	1.8	
	EMT2-28XGWD...000	39.3	2500	5625	150	82.5	185.6	2.5	
	EMT2-28XHWD...000	47.1	3000	6750	150	100	225	2.8	
	EMT2-28XJWD...000	55.0	3500	7875	150	115.5	259.9	3.2	
	EMT2-28XKWD...000	78.5	5000	11250	150	210	472.5	5.2	
	EMT2-28XLWD...000	110.0	7000	15750	150	300	675	7.2	
EMT2-28X	EMT2-28XEWG...000	47.1	1500	3375	300	100	225	1.5	550
	EMT2-28XFWG...000	62.8	2000	4500	300	132	297	1.8	
	EMT2-28XGWG...000	78.5	2500	5625	300	165	371.3	2.5	
	EMT2-28XHWG...000	94.2	3000	6750	300	200	450	2.8	
	EMT2-28XJWG...000	110.0	3500	7875	300	231	519.8	3.2	
	EMT2-28XEWL...000	78.5	1500	3375	500	165	371.3	1.5	
	EMT2-28XFWL...000	104.7	2000	4500	500	220	495	1.8	
	EMT2-28XGWL...000	130.9	2500	5625	500	275	618.8	2.5	
	EMT2-31XEWC...000	15.7	1500	3375	100	35.5	79.9	2.4	
	EMT2-31XFWC...000	26.2	2500	5625	100	59	132.8	3.8	
	EMT2-31XGWC...000	36.7	3500	7875	100	82	184.5	4.8	
	EMT2-31XHWC...000	47.1	4500	10125	100	105	236.3	6.3	
	EMT2-31XJWC...000	78.5	5500	12375	100	130	292.5	7.3	
	EMT2-31XKWC...000	68.1	6500	14625	100	152	342	8.5	
	EMT2-31XLWC...000	78.5	7500	16875	100	174	391.5	9.6	
	EMT2-31XEWE...000	31.4	1500	3375	200	71	159.8	2.4	
	EMT2-31XFWE...000	52.4	2500	5625	200	118	265.5	3.8	
	EMT2-31XGWE...000	73.3	3500	7875	200	164	369	4.8	
	EMT2-31XHWE...000	94.2	4500	10125	200	210	472.5	6.3	
	EMT2-31XJWE...000	78.5	5500	12375	200	260	585	7.3	
	EMT2-31XKWE...000	136.1	6500	14625	200	304	684	8.5	
	EMT2-31XLWE...000	157.1	7500	16875	200	348	783	9.6	
	EMT2-31XEWG...000	47.1	1500	3375	300	106.5	239.6	2.4	
	EMT2-31XFWG...000	78.5	2500	5625	300	177	398.3	3.8	
	EMT2-31XGWG...000	110.0	3500	7875	300	246	553.5	4.8	
EMT2-31X	EMT2-31XHWG...000	141.4	4500	10125	300	315	708.8	6.3	630
	EMT2-31XJWG...000	172.8	5500	12375	300	390	877.5	7.3	
	EMT2-31XKWG...000	204.2	6500	14625	300	456	1026	8.5	
	EMT2-31XLWG...000	235.6	7500	16875	300	522	1174.5	9.6	
	EMT2-31XEWJ...000	62.8	1500	3750	400	142	355	2.4	
	EMT2-31XFWJ...000	104.7	2500	6250	400	236	590	3.8	
	EMT2-31XGWJ...000	146.6	3500	8750	400	328	820	4.8	
	EMT2-31XHWJ...000	188.5	4500	11250	400	420	1050	6.3	
	EMT2-31XJWJ...000	230.4	5500	13750	400	520	1300	7.3	
	EMT2-31XKWJ...000	272.3	6500	16250	400	608	1520	8.5	
	EMT2-31XLWJ...000	314.2	7500	18750	400	696	1740	9.6	
	EMT2-31XEWL...000	78.5	1500	3750	500	177.5	443.8	2.4	
	EMT2-31XFWL...000	130.9	2500	6250	500	295	737.5	3.8	
	EMT2-31XGWL...000	183.3	3500	8750	500	410	1025	4.8	
	EMT2-31XHWL...000	235.6	4500	11250	500	525	1312.5	6.3	
	EMT2-31XJWL...000	288.0	5500	13750	500	650	1625	7.3	
	EMT2-31XKWL...000	340.3	6500	16250	500	760	1900	8.5	
	EMT2-31XLWL...000	392.7	7500	18750	500	870	2175	9.6	

外形尺寸 / Dimension

EMT2-15X外形图
EMT2-15X installation dimension of motor

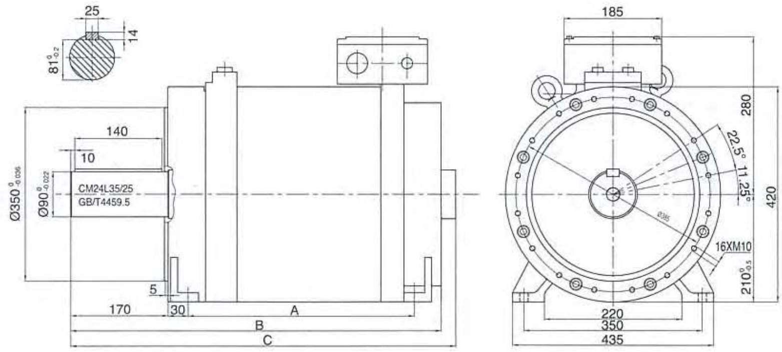
单位: 毫米 Unit: mm



型号 Model	尺寸A Dimension A	尺寸B Dimension B	尺寸C Dimension C
EMT2-15XE...	280	447	497
EMT2-15XF...	335	502	552
EMT2-15XG...	390	557	607
EMT2-15XH...	445	612	662
EMT2-15XJ...	500	667	717

EMT2-21X外形图
EMT2-21X installation dimension of motor

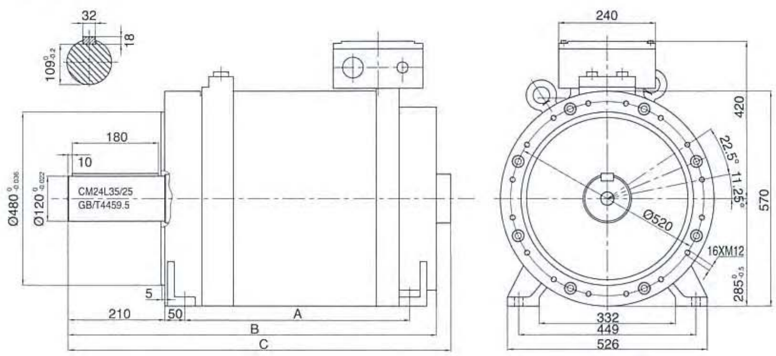
单位: 毫米 Unit: mm



型号 Model	尺寸A Dimension A	尺寸B Dimension B	尺寸C Dimension C
EMT2-21XE...	308	538	608
EMT2-21XF...	373	603	673
EMT2-21XG...	453	683	753
EMT2-21XH...	533	763	833
EMT2-21XJ...	613	843	913
EMT2-21XK...	693	923	993

EMT2-28X外形图
EMT2-28X installation dimension of motor

单位: 毫米 Unit: mm



型号 Model	尺寸A Dimension A	尺寸B Dimension B	尺寸C Dimension C
EMT2-28XE...	430	740	800
EMT2-28XF...	515	825	885
EMT2-28XG...	600	910	970
EMT2-28XH...	685	995	1055
EMT2-28XJ...	770	1080	1140
EMT2-28XK...	1025	1335	1395
EMT2-28XL...	1365	1675	1735

中源动力 ZYDL Electric

EHD 系列伺服驱动器
Series Servo Drive

EHD系列伺服驱动器提供功率范围从2kW到340kW，可适配EMB、EMT、EMT2系列所有伺服电机。

EHD series servo drivers are of the power range from 2kW to 340kW, which are adaptable for all EMB, EMT and EMT2 series servo motors.

型号说明 / Specification Description

EHD – A 07 D M B

EHD	– A	07	D	M	B
EHD型伺服驱动器 EHD Servo Drive	外形尺寸代码 External Dimensions	额定电流 Rated Current	电源电压 Power Voltage	控制形态 Control Style	编码器接口 Encoder Interface

外形尺寸代码 / External Dimensions

记号 Sign
A
B
C
D
E
F
G

额定电流 / Rated Current

记号 Sign	规格 Specification
07	7.5A
15	15.5A
21	21A
35	35.5A
82	82.5A
A1	115A
A7	177A
B7	277A
D4	440A
F2	628A
H4	840A

电源电压 / Power Voltage

记号 Sign	规格 Specification
D	400VAC

控制形态 / Control Style

记号 Sign	规格 Specification
M	用于控制速度、转矩、位置 Speed Control, Torque Control, Position Control
E	用于控制速度、转矩、位置(支持扩展模块) Speed Control, Torque Control, Position Control (Support Extended Module)

编码器接口 / Encoder Interface

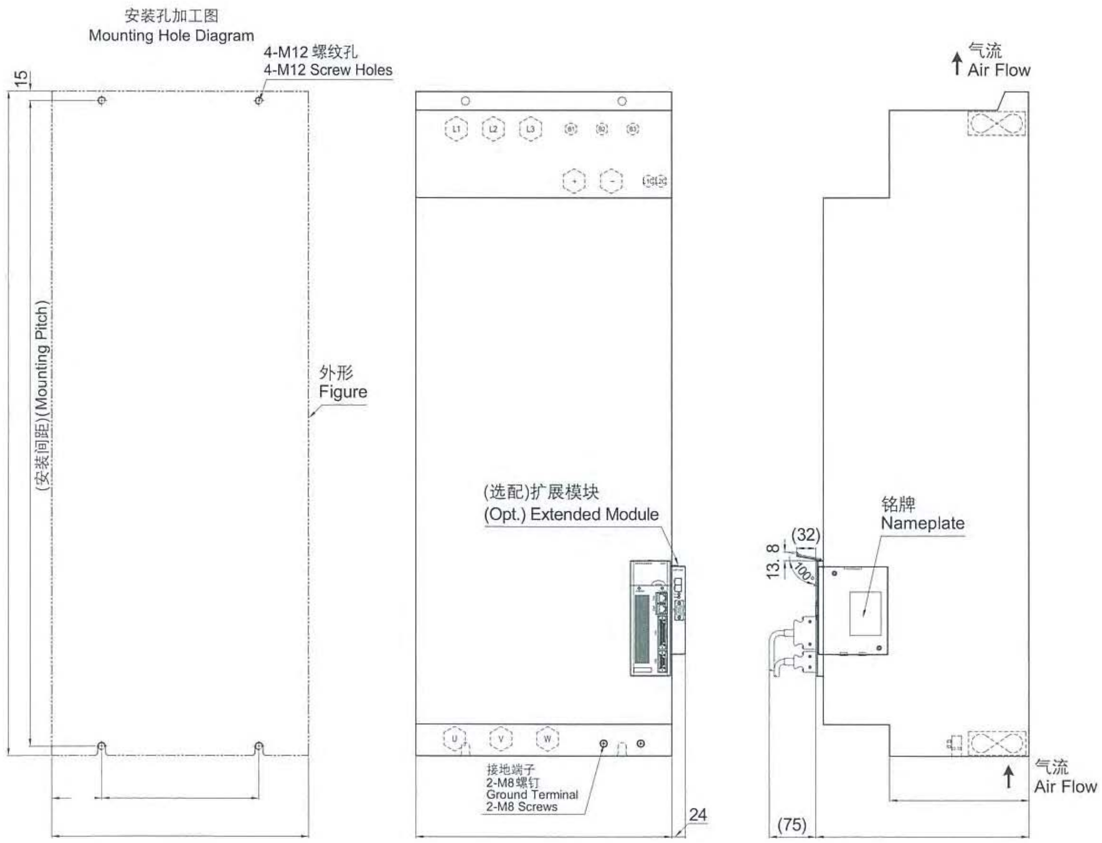
记号 Sign	规格 Specification
A	绝对值编码器 Absolute Encoder
B	旋转变压器 Resolver

驱动器规格 / Specification

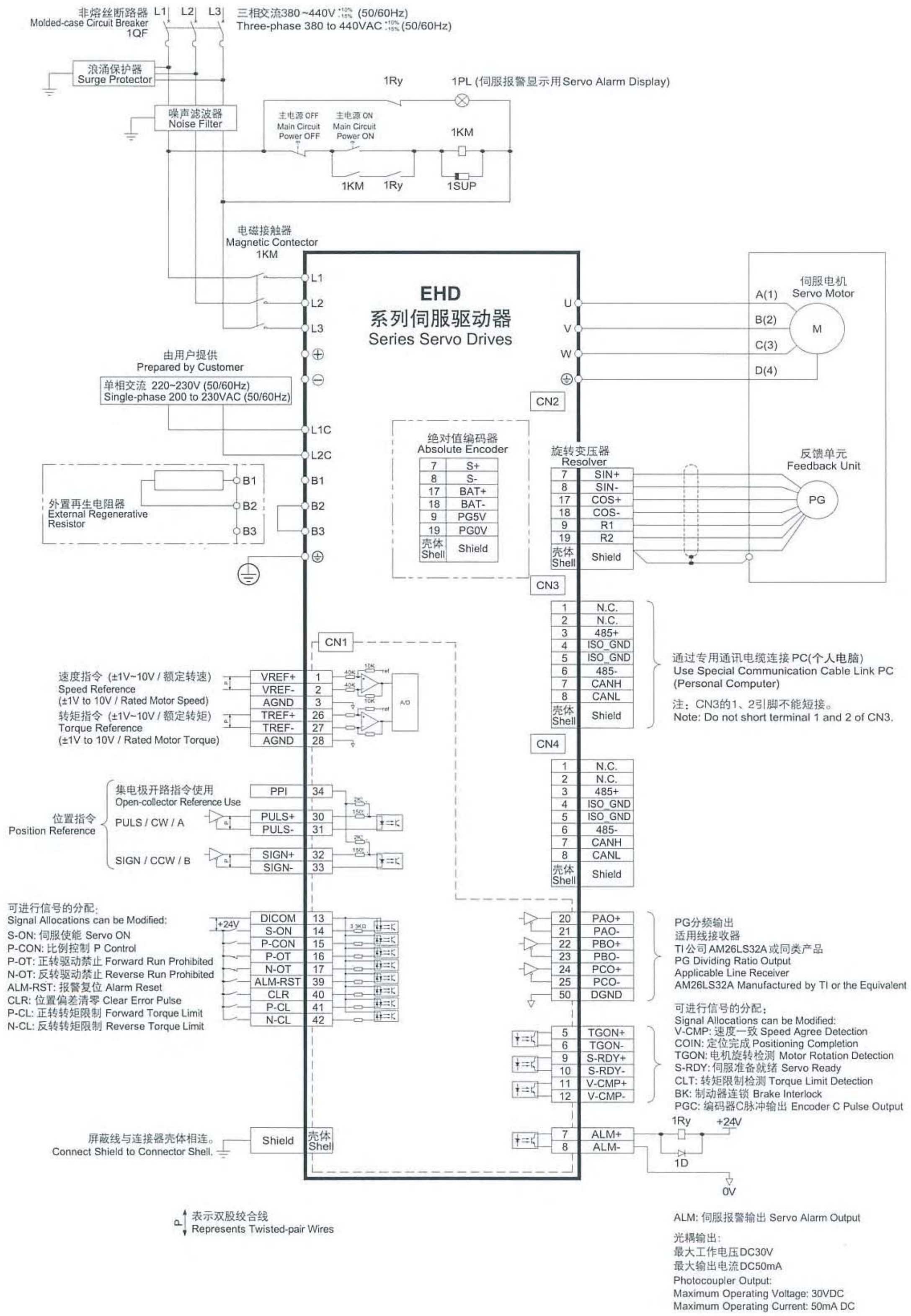
型号 Model EHD-	外形尺寸代码 External Dimension	输出电流 Output Current		电源电压 Voltage	冷却方式 Cooling Method		匹配电机功率范围 [KW] Servo Motor Power
		额定输出电流In[A] Rated Output Current	过载倍数 Over Load		风冷 Cooling-fan	水冷 Water-cool	
A07D**	A	7.5	2.25	三相 Three-phase AC400V	●		2.09~5.24
B15D**	B	15.5	2.25	三相 Three-phase AC400V	●		4.71~10.5
B21D**	B	21	2.25	三相 Three-phase AC400V	●		9.4~15.7
C35D**	C	35.5	2.25	三相 Three-phase AC400V	●		15.7~26.2
D82D**	D	82.5	2.25	三相 Three-phase AC400V	●		23.6~47.1
DA1D**	D	115	2.25	三相 Three-phase AC400V	●		47.1~62.8
EA7D**	E	160/177	2.25/2.50	三相 Three-phase AC400V	●		52.4~78.5
EB7D**	E	250/277	2.25/2.50	三相 Three-phase AC400V	●		73.3~117.8
FD4D**	F	440/396	2.25/2.50	三相 Three-phase AC400V	●		78.5~209.4
GF2D**	G	628/565	2.25/2.50	三相 Three-phase AC400V		●	183.3~235.6
GH4D**	G	840	2.5	三相 Three-phase AC400V		●	272.3~340.3

外形尺寸 / Dimension

单位: 毫米 Unit: mm



伺服标准接线图 / Typical Connection Example



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