

SHENZHEN K-EASY AUTOMATION CO.,LIMITED

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- http://www. keasyautomation.com





Frequency Inverter | Soft Starter | Servo Drive & Motor | PLC Manufacturer



P Series AC Servo Catalogue

Normal Pulse Type

EtherCAT Type





COMPANY PROFILE

Shenzhen K-Easy Automation Co.,Limited is a professional manufacturer, specialize in R&D And production of AC drives. We have built up a comprehensive product family. Frequency inverters' power covers the range from 0.4kW to 630kW, and voltage range is between 220V and 480V. More than inverters are running smoothly 300, 000 units at different industrial sites.

JOIN US, ENJOY THE BUSINESS.

We believe "quality is life ",so we will test all products before shipment,All Module of our VFD will be used quality is life with Infenion only, With years of persistence, the total failure ratio of Our frequency inverters has been controlled below 1%. We never lose a customer because of the quality problem;

With Strong R&D and Engineer Team, makes our after-service very easy, For all doubts and requesting for technologies supporting, We can offer detailed Solution without delay, so for us, "Not Only Products, But also solutions";

All our products will be offered with 24 months Warranty Period instead of 18 months.

 $\langle \mathfrak{O} \rangle$

- Problem Rate Less Than 1%;
- Support OEM Service;
- Strong Engineer Team.
- OUR SERVICES
- 24 Months Warranty Time;
 Very Good After Sales-Service, Best;
- Provide solutions within 2 hours.







Pulse Type AC Servo System -----01-14

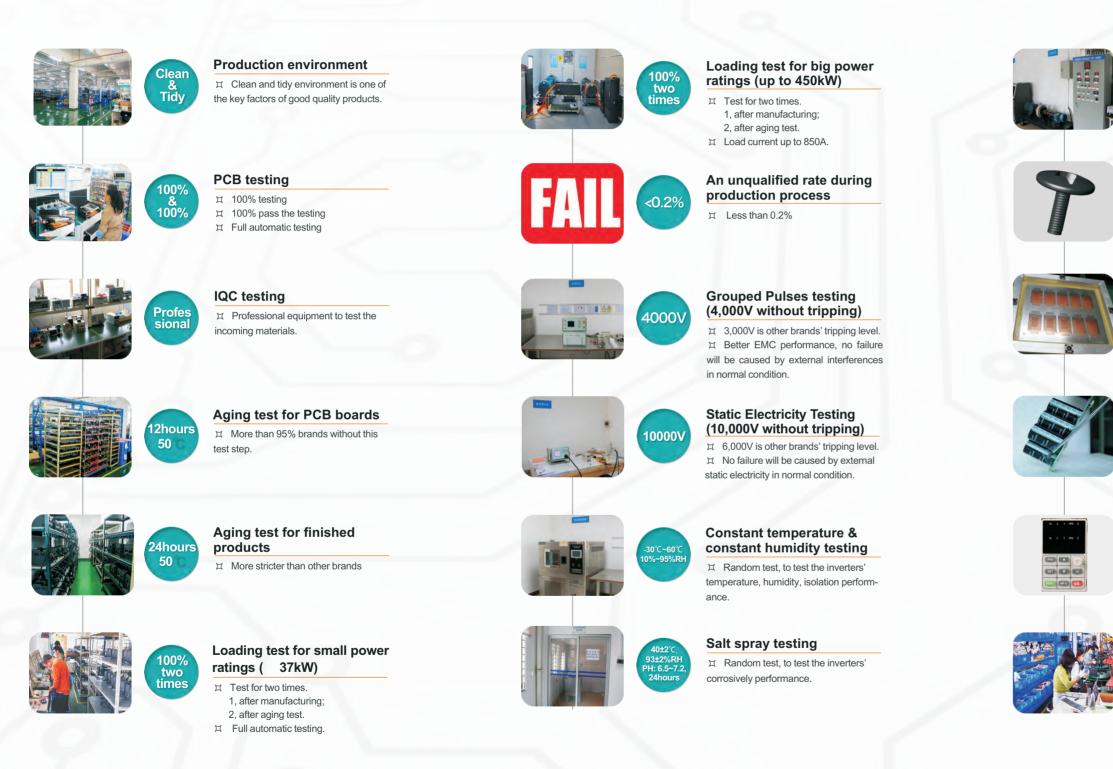


Field Bus Type AC Servo System -----15-22



AC Servo Motor -----23-33

PRODUCTION KONG FU





Torque testing

Connecting with the real load, to test
 the inverters' output torque performance
 at different loads.



Four steps to fix a screw

Adjust standard force to the electric screwdriver

- X Fix it with standard force
- implie Fix it with more power force
- ¤ Mark it by red color



Heat dissipation adhesive

 Image: Using a metal mesh, to make it welldistributed.

 Image: Using a metal mesh, to make it welldistributed.



Additional isolation layer

Adding on the capacitor board, to get better isolation performance.



Keypad button force

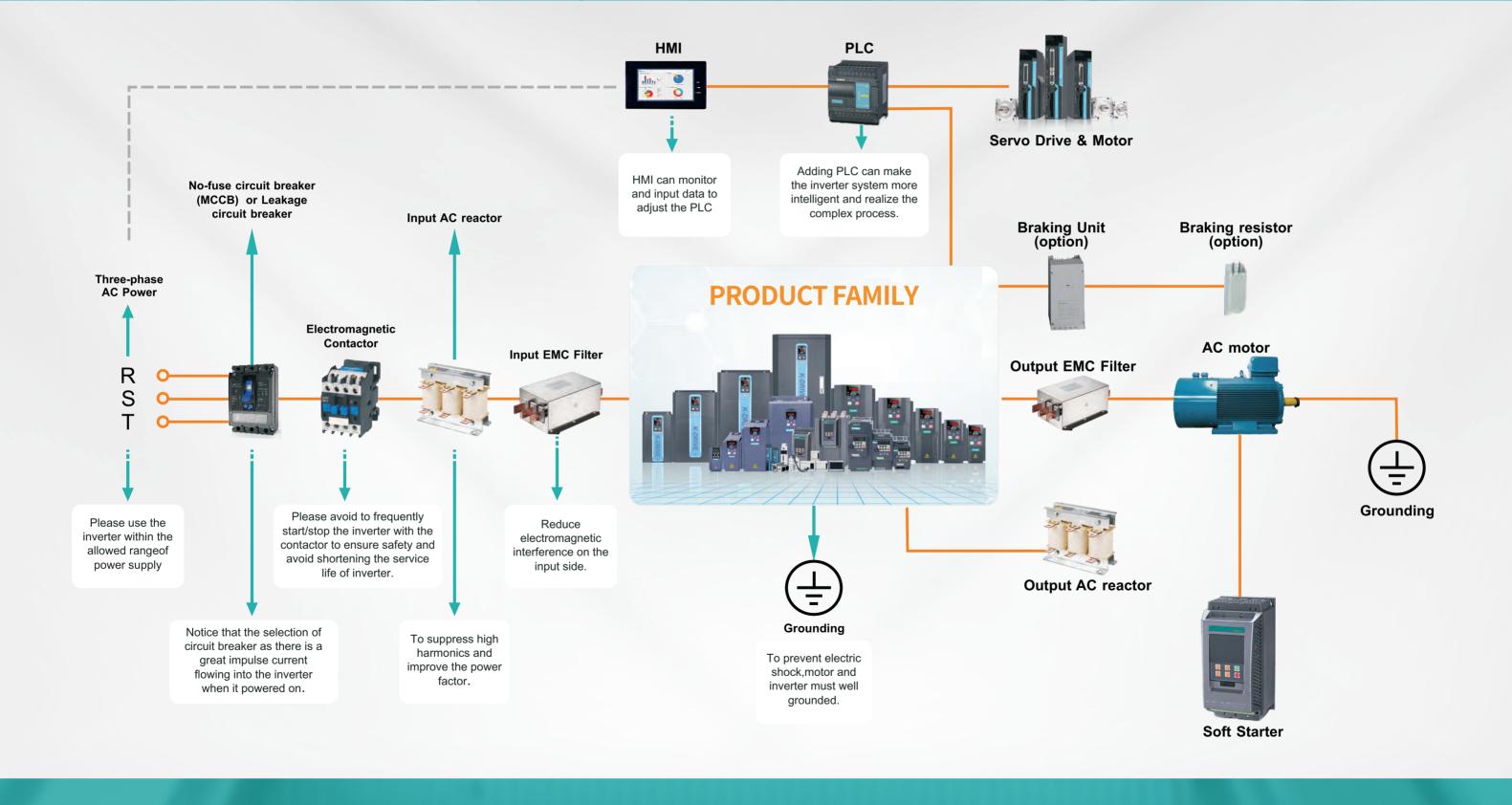


Force adjustment for electric screwdriver

Image: Heat to the standard force for the standard force.

PERIPHERAL DEVICES CONNECTION DIAGRAM

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P SERIES PULSE TYPE AC SERVOS



System Description Drive Introduction









PRODUCT FEATURES

Strong internal motion control functions which can realize position, speed,torque,homing controlling modes. It also supports I/O control and standard Modbus RTU protocol. It can replace PLC partly, which helps to save cost.

PLC

START STOP CCW CW

Through I/O module Of PLC

- Need PLC pulse output module;
 Reduce system design cost;
- Easier contro and operation.

Easy To Connect With Touch Screen(HMI)

- Easy control system;
- Save wirings;
- Set parameters and state monitoring.

Realize RS485 to make motion through PLC

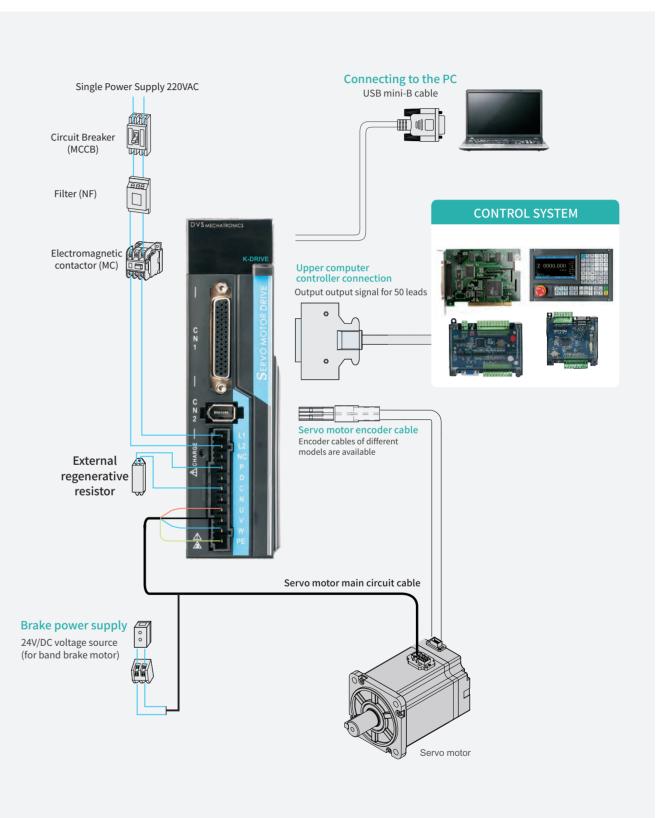
- PLC with RS485 interface;
- Easy controlling and programming;
- Save PLC output points.

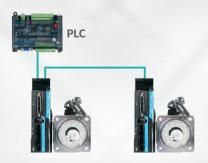
Directly To Control Through Swithes

- Simple motion control case;
- Low cost design;
- Circular control of point movement.

SYSTEM WIRING EXAMPLE

Drives Of P100S Series As Example:





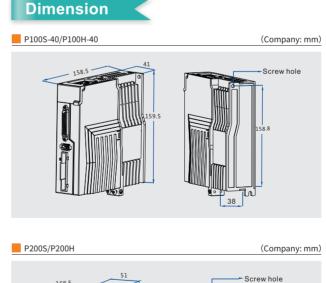
SYSTEM WIRING EXAMPLE

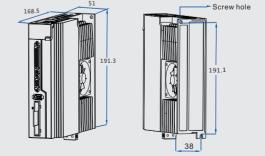
Drives Of P300 Series As Example:

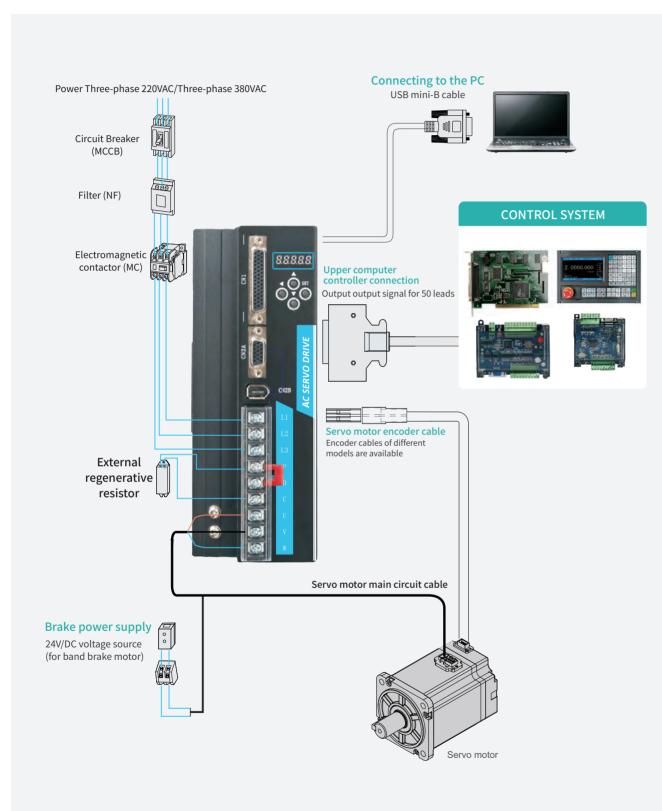
PRODUCT DESCRIPTION

Name Rules

	Serial Number	Name	Meaning
	1	Series	Series servo drives
Se	0	Range	100: 0.1KW~1KW; 200:1KW~3KW; 300:2KW~4.5KW;
Servo drive naming rules	3	Drive Type	S: pulse simple type H : pulse high performance type E : EtherCAT field bus type
	٩	Power Section	40: 100W~400W 75: 400W~1000 Null : P200 series without it
	5	Customization	Customization

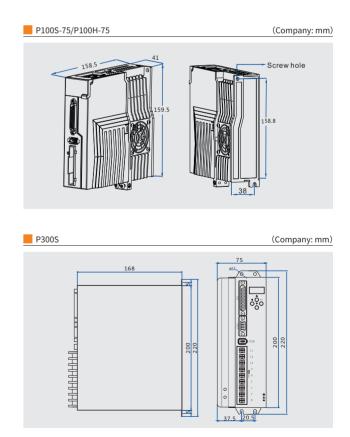








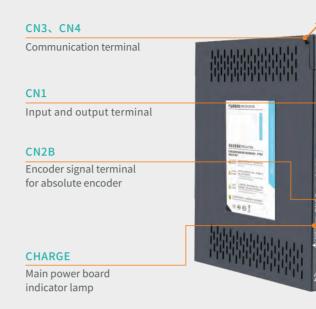
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PECIFICATION

Model	P100S-40	P100H-40	P100S-75	P100H-75	P200S	P200H	P300S
Туре	Simple	High performance	Simple	High performance	Simple	High performance	Simple
Output Power	0.1KW~0.4KW	0.1KW~0.4KW	0.75KW~1KW	0.75KW~1KW	1KW	~2KW	2KW~4.5KW
Input Power	Sing	Single Phase AC220V-15%-+10% 50/60Hz					Three-phase AC220V/ Three-phase AC380V- 15%~+10% 50/60Hz
Control Mode	0: Position cor 4: Position and	ntrol. 1: Speed torque control.	control. 2: Torq 5: Speed and t		peed and position.		
Protection	Overspeed / U	nder voltage / Ov	ver current / Over	load / Encoder e	rror / Over position	etc.	
Monitoring	Speed / Curre	nt position / Com	mand pulse accu	mulation / Positio	n deviation / Torque	e / Current / Work	ing state etc.
Control Input	1:Servo enable 2 : Alarm clearance 3:CCW prohibition 4:CW prohibition 5:Deviation counte clearing 6:Command pulse suppression 7:CCW torque limit 8:CW torque limit						
Control Input	Servo ready / Servo alarm / Positioning completion / Mechanical brake etc.						
Dynamic Braking	Build-in / Build-out						
Load	Less than 3 times of motor load						
Display	5 digital tubes and 4 operation keys						
Communication	Rs485						
	Input Mode	0: Pulse+di 2: A/B phase	rection es orthogonal puls		CW/CW pulses ternal position con	trol	
Position Control	Electric Gear	Gear ratio nu	merator: 1~3276	57			
	Ratio	Gear ratio de	nominator: 1~32	767			

TERMINAL INTRODUCTION



TERMINAL INTRODUCTION

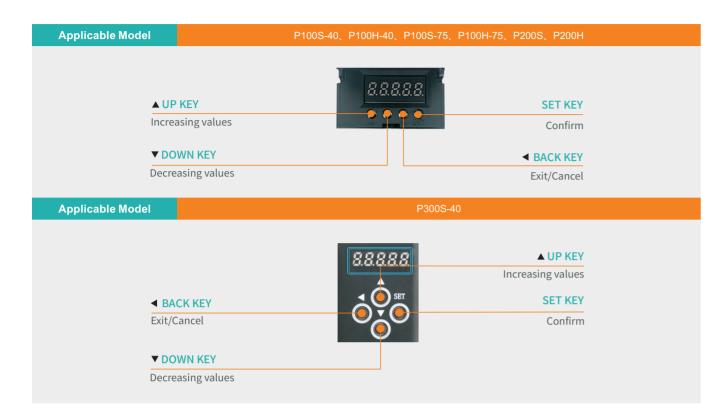
		Applicable Mo
		P100S-40
CN3、CN4		P100H-40
Communication terminal		P100S-75
		P100H-75
CN1 Input and output terminal		
	Encoder	CN2 cable terminal
Power supply terminal		P、D、C、N
	Braking resis	tance terminal
CHARGE		U、V、W
Main power board indicator lamp	Servo r	notor terminal
		PE
	Gr	round terminal

TERMINAL INTRODUCTION

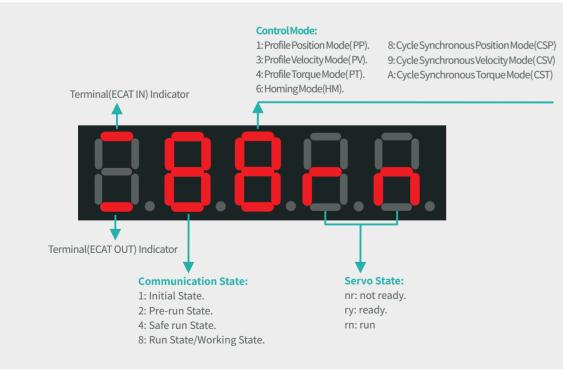
	Applicable Mod
	P200S
CN3、CN4	P200H
Communication terminal	8888
CN1 B	Ô
Input and output terminal	
	CN2B
CN2A	Encoder signal terminal, connected
Encoder signal terminal,	with absolute motor encoder
Connected to incremental motor encoders	
tion of the second s	L1、L2、L3
	Main power supply terminal
	P. D. C
	Braking resistance terminal
CHARGE	
Main power board	U, V, W
indicator lamp 🔬 👩	Servo motor terminal
lead 1	

		Applicable Model
		P200S
		P200H
eries No Drive 2017 ≮¢∯⊛		
RECINA TRADAVICE		
2		
		CN2A
	Encoder sig	nal terminal for
	increr	mental encoder
* •		
	-	L1、L2、L3
	Main powers	supply terminal
		P、D、C、N
	Braking resis	stance terminal
	7	U、V、W
	Servo	motor terminal
		PE
	G	round terminal

FRONT PANEL INTRODUCTION



PANEL STATUS MONITORING



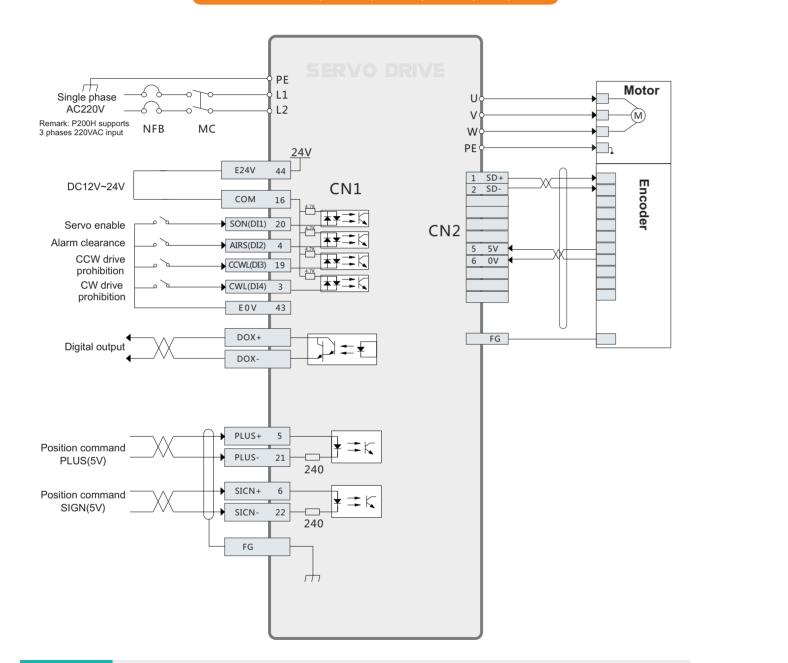


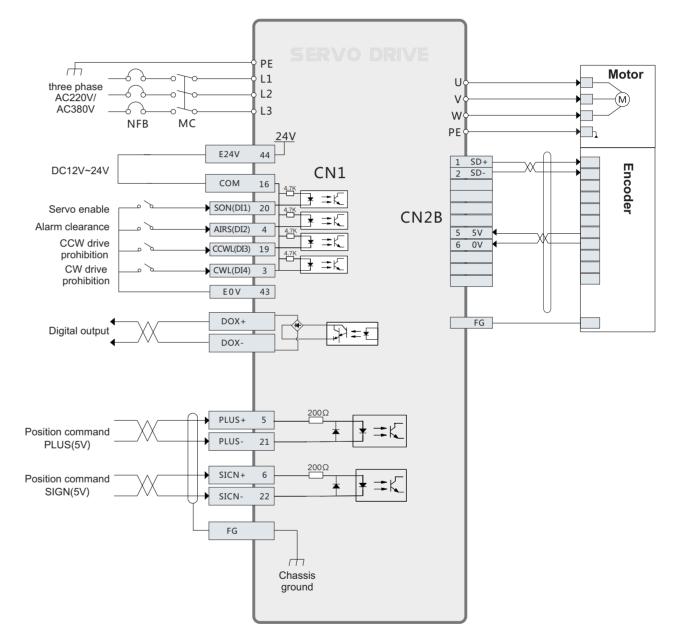
DRIVE CONTROL MODE WIRING

DRIVE CONTROL MODE WIRING

Position Control Mode

APPLICABLE: P100S-40/P100H-40/P100S-75/P100H-75/P200S/P200H







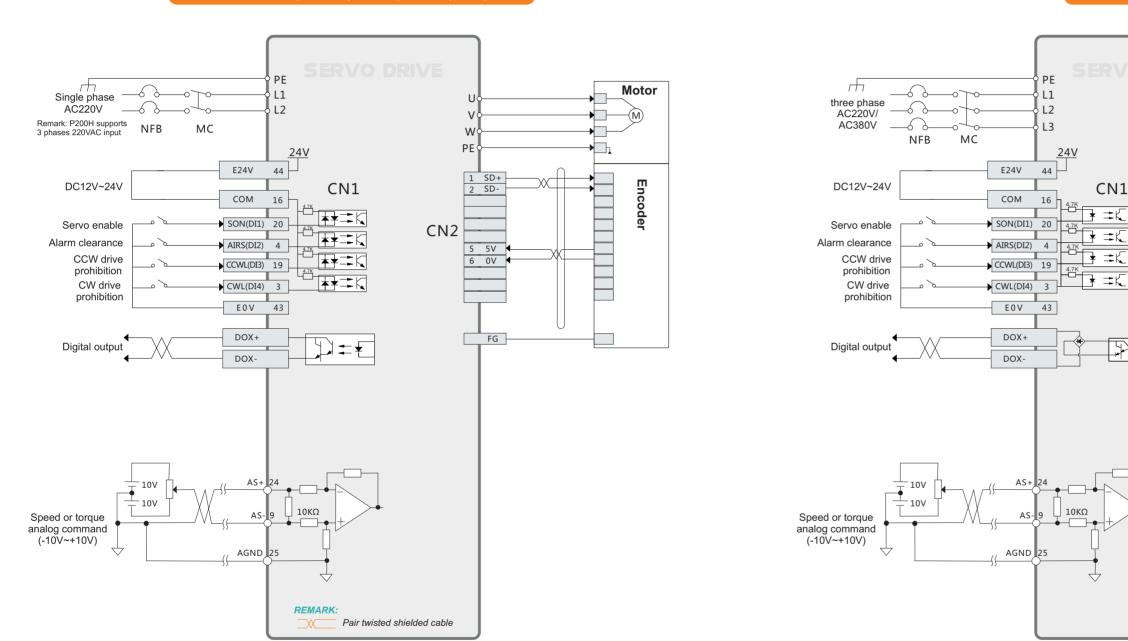
- Internal +24V power supply ranges from 20V~28V and maximum working current is 100mA. If use external 24V power supply, pleaseconnect +24V of the power supply to pin No.16(COM) and 0V to pin No.43(E0V).
- The output power supply of DO should be prepared by user. The voltage ranges 5V~24V and the maximum allowable voltage for DO terminals is DC30V and current is 50mA.



DRIVE CONTROL MODE WIRING

Speed/torque control mode wiring diagram

APPLICABLE: P100S-40/P100H-40/P100S-75/P100H-75/P200S/P200H



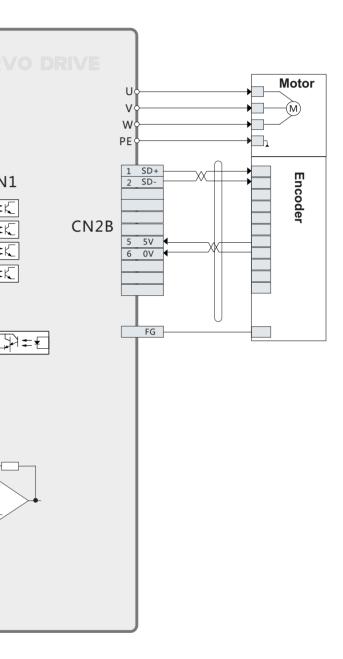


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- The output power supply of DO should be prepared by user. The voltage ranges 5V~24V and the maximum allowable voltage for DO terminals is DC30V and current is 50mA.

DRIVE CONTROL MODE WIRING

13







ETHERCAT BUS FIELD AC SERVOS



System Description **Drive Introduction**









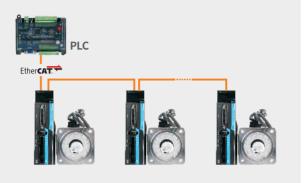


FEATURE INTRODUCTION

Integrated EtherCAT Bus for Automated Industrial Ethernet Standards

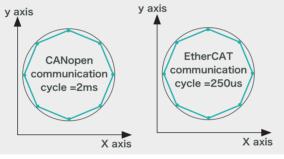
The EtherCAT bus drive uses a standard RJ45 interface and requires only one cable to realize real-time transmission of instructions, as well as status feedback of motors and drives.

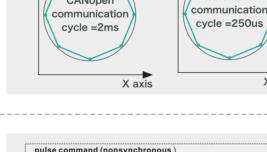
It provides a more reliable networking, and greatly reduces the complexity of the system.



Microsecond communication cycle with more accurate and smooth position control

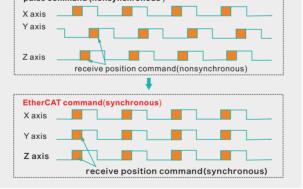
Data transmission is bi-directional 100Mbps supporting 1ms communication cycle. When it is less than 1ms, it supports 250us integer multiple (communication cycle related to PC specifications), with more accurate smooth position control. It is suitable for engraving machine and optical fiber machine and other real-time requirements for high occasions.





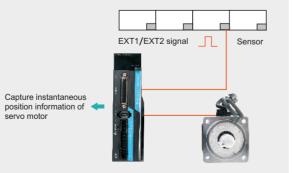
Precision Synchronization

The synchronization error is less than 15ns and shake is \pm 20ns by the accurate adjustment of the EtherCAT distributed clock , which can realize multi-axis synchronous communication and is suitable for mechanical devices with high synchronization accuracy.



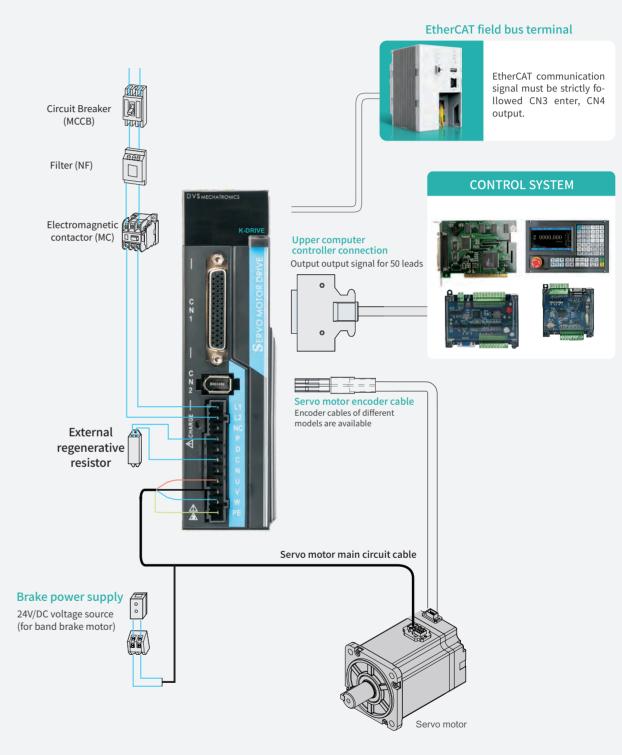
Real-time Position Capture

The real-time position information of the motor can be acquired and recorded by instantly high speed input signal (EXT1/EXT2) with probe function.

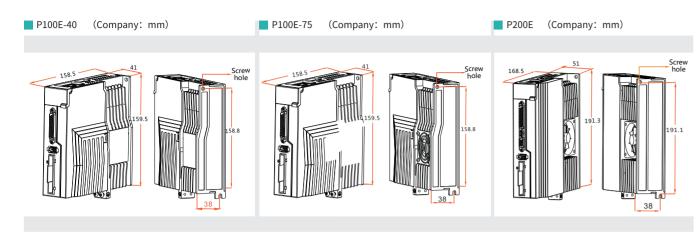


SYSTEM WIRING EXAMPLE

Drives Of P100S Series As Example:



DIMENSION



DRIVE SPECIFICATION

Мос	del	P100E-40	P100E-75	P200E		
Output	Power	0.1KW~0.4KW 0.75KW~1KW		1KW~2KW		
Input Power		Single Phase AC220	/-15%-+10% 50/60Hz	1/3 Phases AC220V-15%-+10% 50/60Hz		
Monitoring		Speed / Current position / Comma	and pulse accumulation / Position	deviation / Torque / Current / Working state etc.		
Control	Mode	Position control / Speed control /	Test run control / JOG control / Tor	que control		
Protec	ction	Overspeed / Under voltage / Over current / Over load / Encoder error / Over position etc.				
Control	l Input	1: Negative limit 2: Positive limit 3: Origin signal 4: CCW prohibition 5: CW prohibition 6: Deviation counter clearing 7: Command pulse suppression 8: CCW torque limit 9: CW torque limit				
Dynamic	Braking	Build-in / Build-out				
Loa	ad	Less than 3 times of motor load				
Disp	lay	5 digital tubes and 4 operation keys				
Input Output	Input signal	8 ways digital inputs: servo enable, alarm clearance, CCW/CW prohibition, zero speed clamp, zero command, command reverse, speed selection, torque selection, pulse input prohibition, homing signal,probe,positive limit, negative limit.				
Signal Output signal 6 ways digital outputs: servo ready,alarm, zero speed, positioning completion, speed arrival,torque arrival brake, servo working, near positioning,torque limit, speed limit.				ompletion, speed arrival,torque arrival, magnetic		
	Input way	EtherCAT field bus communication				
Position Control	Electric	Gear ratio shaft precision:1-13107	72			
	Gear Ratio	Gear ratio motor precision:17 bits	,23 bits			



TERMINAL INTRODUCTION



CN3: EtherCAT input terminal

14: EtherCAT output term

Input and output terminal

*##eccara

CN2B

CN1

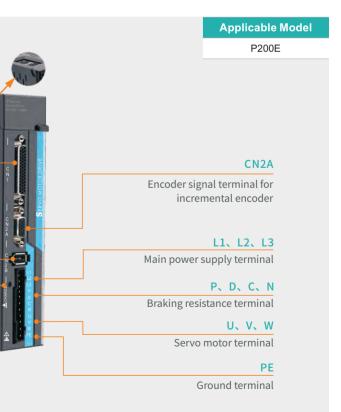
Encoder signal terminal for absolute encoder



CHARGE

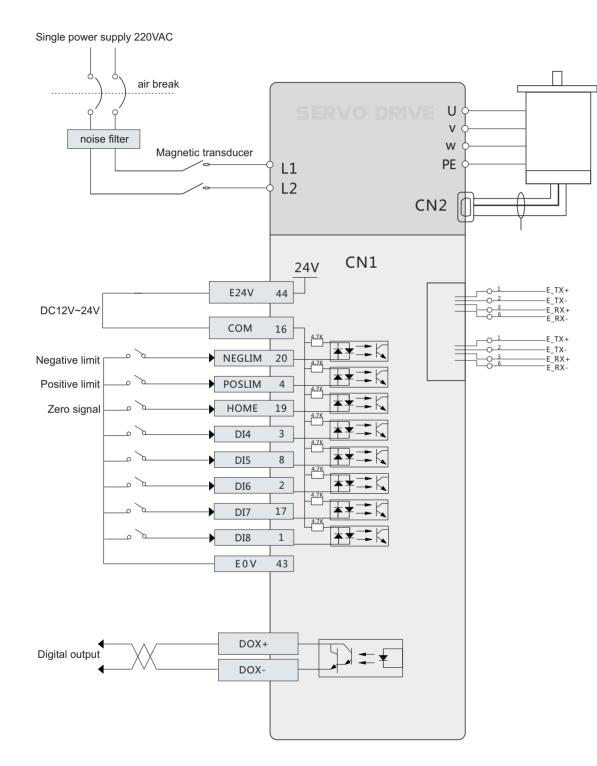
Main power board indicator lamp

	Applicable Model
100	P100E-40
	P100E-75
ERVO MOTOR DRIVE	
LOM O	
S ER <	
	CN2
	Encoder cable terminal
2	P. D. C. N
	Braking resistance terminal
	U, V, W
	Servo motor terminal
	PE
	Ground terminal



ETHERCAT CONTROL WIRING

Drives Of P100E Series As Example:







NEW TYPE AC SERVO MOTOR



AC Servo Motor

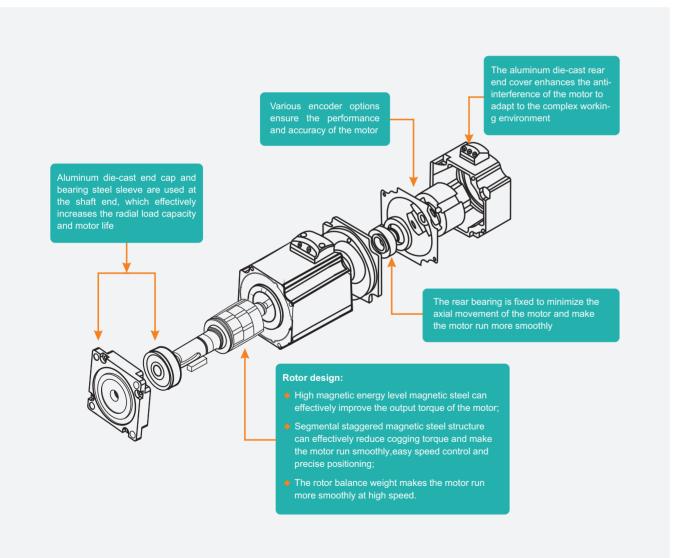




AC SERVO MOTOR INTRODUCTION

Servo motor refers to the engine that controls the operation of the mechanical components in the servo system. It is an indirect transmission device that assists the motor. The servo motor can control speed and position with high accuracy. Meanwhile, it can convert the voltage signal into torque and speed to drive the control object. The working speed of the servo motor rotor is controlled by the input signal and can react quickly. In the automatic control system, it is used as an actuator and has the characteristics of small electro mechanical time constant and high linearity. It can convert the received electrical signal into the angular displacement or angular velocity on the motor shaft and output them. Its main feature is that there is no selfrotation when there is no signal voltage. And the speed decreases at a uniform speed with the increase of torque.

BASIC STRUCTURE OF SERVO MOTOR

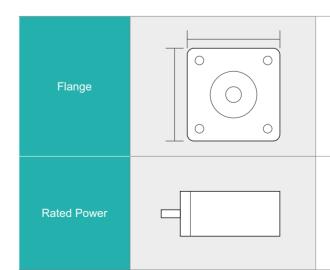


OVERALL DIMENSIONS

$\frac{DB}{1} \quad \frac{80}{2} - \frac{024}{3} \quad \frac{30}{4} \quad \frac{A6}{5} - \frac{A}{6} - \frac{B}{7}$

	Serial Number	
Se	1	DN: 4 pairs of poles servo moto DB: 5 pairs of poles servo moto
	٢	40: Flange 40mm 60: Flange 60mm 80: Flange 80mm 90: Flange 90mm 130: Flange130mm
rvo mo	3	Rated torque(value×0.1N.m) 024: the rated torque 2.4N.m
Servo motor naming rules	۹	Rated speed(value×1000rpm) 30: the rated speed 3000rpm
	\$	 I2: 2500ppr incremental encode A1: economical multi-turn 17 bi A6: economical single-turn 17 b B1: high performance multi-turn B4: high performance single-turn
	6	A: AMP connector H: Aviation connector HZ: Aviation straight connector
	Ø	B: with a brake Null: without a brake

MOTOR POWER RANGE

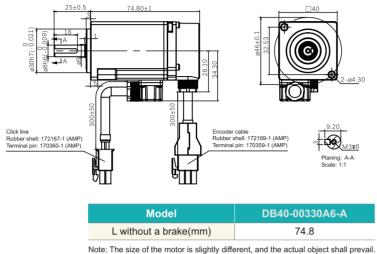


Meaning			
otor			
tor			
)			
der			
bits absolute enco	der		
bits absolute enco			
rn 17 bits absolute			
urn 23 bits absolut	e encoder		

40mm	60mm	80mm	130mm
0.1KW	0.2KW 0.4KW 0.6KW	0.75KW 1.0KW	1.0KW 1.3KW 1.5KW 2.0KW 2.3KW 2.6KW

DB40 Series Servo Motor





	Note: A6 represents that the encoder type is economic single-turn absolute value 17 bits	
Model	DB40-00330A6-A	
Rated Power (KW)	0.1	
Rated Voltage (V)	220	
Rated Current (A)	1.0	
Peak Current (A)	3.0	
Rated Torque (N.m)	0.318	
Peak Torque (N.m)	0.954	
Rated Speed (rpm)	3000	
Max speed(rpm)	6000	
Constant Voltage (V/1000r.min)	22	
Torque Coefficient (N.m/A)	0.32	
Line-line Resistance (Ω)	18.8	
Line-line Inductance (mH)	11.25	
Mechanical Time Constant (Ms)	1.1	
Rotor Inertia (Kg.m ²)	0.066×10 ⁴	
Pole Pairs	10	
Insulation Class F(155°C)		

Encoder Type

Symbol	Encoder Type
A6	Economical single-turn 17 bits absolute encoder
A1	Economical multi-turn 17 bits absolute encoder
B4	High performance single-turn 23 bits absolute encoder
B9	Optical single-turn 17 bits absolute encoder
15	Optical 10000ppr incremental encoder



• When installing/removing part to the end of the motor shaft, please do not knock the shaft to prevent the encoder at the another end of the shaft from being knocked out of order.

• As far as possible to prevent shaft seat vibration to prevent bearing damage.

DN40 SERIES SERVO MOTOR



Model L without a brake(mm)

		Note: A6 represents that the encoder type	is economic single-turn absolute value 1
Model	DB60-00630A6-A	DB60-01330A6-A	DB60-01930A6-A
Rated Power (KW)	0.2	0.4	0.6
Rated Voltage (V)	220	220	220
Rated Current (A)	1.7	2.5	4.8
Peak Current (A)	5.7	7.5	14.4
Rated Torque (N.m)	0.64	1.27	1.91
Peak Torque (N.m)	1.91	3.81	5.73
Rated Speed (rpm)	3000	3000	3000
Max speed(rpm)	6000	6000	5000
Constant Voltage (V/1000r.min)	23	31	25
Line-line Resistance (Ω)	4.57	3.24	1.8
Line-line Inductance (mH)	4.0	5.8	4.0
Rotor Inertia (Kg.m ²)	0.28×10 ⁻⁴	0.52×10 ⁻⁴	0.82×10 ⁻⁴
Pole Pairs	10	10	5
Insulation Class	F(155°C)	F(155°C)	F(155°C)

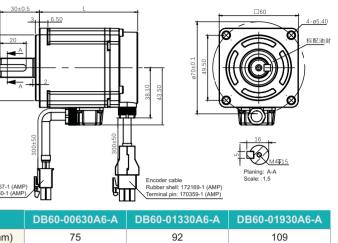
Encoder Type

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• When installing/removing part to the end of the motor shaft, please do not knock the shaft to prevent the encoder at the another end of the shaft from being knocked out of order.

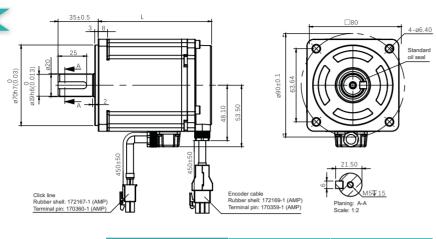
• As far as possible to prevent shaft seat vibration to prevent bearing damage.



Note: The size of the motor is slightly different, and the actual object shall prevail.

ents that the encoder type is economic single-turn absolute value 17 bits





Model	DB80-02430A6-A	DB80-03230A6-A
L without a brake(mm)	98.5	111.5

Note: The size of the motor is slightly different, and the actual object shall prevail.

Note: A6 represents that the encoder type is economic single-turn absolute value 17 bits

Model	DB80-02430A6-A	DB80-03230A6-A
Rated Power (KW)	0.75	1.0
Rated Voltage (V)	220	220
Rated Current (A)	4.7	5.8
Peak Current (A)	14.5	15.6
Rated Torque (N.m)	2.39	3.18
Peak Torque (N.m)	7.17	7.96
Rated Speed (rpm)	3000	3000
Max speed(rpm)	6000	6000
Constant Voltage (V/1000r.min)	33	32.5
Torque Coefficient (N.m/A)	0.51	0.51
Line-line Resistance (Ω)	1.09	1.17
Line-line Inductance (mH)	4.6	3.9
Rotor Inertia (Kg.m ²)	1.48×10 ⁻⁴	1.55×10⁴
Pole Pairs	10	10
Insulation Class	F(155°C)	F(155°C)

Encoder Type

Symbol	Encoder Type
A6	Economical single-turn 17 bits absolute encoder
A1	Economical multi-turn 17 bits absolute encoder
B4	High performance single-turn 23 bits absolute encoder
B9	Optical single-turn 17 bits absolute encoder
15	Optical 10000ppr incremental encoder



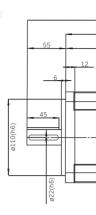
When installing/removing part to the end of the motor shaft, please do not knock the shaft to prevent the encoder at the another end of the shaft from being knocked out of order.

• As far as possible to prevent shaft seat vibration to prevent bearing damage.

DN40 SERIES SERVO MOTOR

DB130 Series Servo Motor

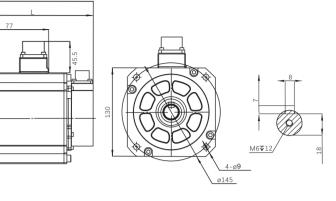




)B130-0			represents	that the end	51		Ũ		ite value 17 l
Model				DB130-(.6-H					
Rated Power (KW)		0	.85				1.3				
Rated Voltage (V)		2	220						220		
Rated Current (A)		ţ.	5.9						9.9		
Peak Current (A)		1	5.6						26		
Rated Torque (N.m)		ţ	5.4						8.3		
Peak Torque (N.m)		1	3.8						20		
Rated Speed (rpm)		1	500						1500		
Max speed(rpm)		3	000					:	3000		
Torque Coefficient (N.m/A)		0	.92				0.84				
Constant Voltage (V/1000r.min)	58.2						57.2				
Rotor Inertia (Kg.m ²)		8.1	×10 ⁻⁴				11.6×10 ⁻⁴				
Line-line Resistance (Ω)		1	.22				0.55				
Net Weight (Kg)		4	4.6				5.7				
Pole Pairs	10										
Encoder Type	17 bits absolute										
Insulation Class					Cla	ss F					
Protection Class	IP65										
Environment	Ambient tempe	Ambient temperature: - 10 °C~+35 °C Humidity:					e humic	lity<85%	6 (frost-	free co	ondition)
	Signal	U	V	W	GND						
Motor Winding Plug	Number	A	В	С	D						
	Signal	A	В	С	D	Е	F	G	Н	Ι	J
Absolute Encoder Plug(7 Holes)		VB	VCC		0.5	GND	0115	N.C.			
	Number	(DC+) (5V	(5V)	SD+	SD-	(DC-)	GND	(PE)			

Encoder Type

Symbol	Encoder Type
A6	Economical single-turn 17 bits absolute encoder
A1	Economical multi-turn 17 bits absolute encoder



Model	130 S	eries
L without a brake(mm)	5.4	8.3
Rated Torque(N.m)	121	143

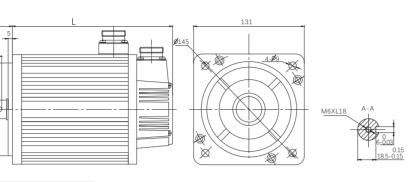
Note: The size of the motor is slightly different, and the actual object shall prevail.

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AL-

DB130 Series Servo Motor





Name	130 Series							
Dated Targue (Nm)	4	5	6	7.7	10		15	
Rated Torque (N.m)	4				1000rpm 1500rpm	2500rpm	1500rpm	
L without a brake(mm)	166	171	179	192	213	209	241	

Note: A6 represents that the encoder type is economic single-turn absolute value 17 bits

Model	DN130- 04025A6-H	DN130- 05025A6-H	DN130- 06025A6-H	DN130- 07725A6-H	DN130- 10010A6-H	DN130- 10015A6-H	DN130- 10025A6-H	DN130- 15015A6-H
Rated Power (KW)	1.0	1.3	1.5	2.0	1.0	1.5	2.6	2.3
Rated Voltage (V)	220	220	220	220	220	220	220	220
Rated Current (A)	4.0	5.0	6.0	7.5	4.5	6.0	10	9.5
Rated Speed (rpm)	2500	2500	2500	2500	1000	1500	2500	1500
Rated Torque (N.m)	4	5	6	7.7	10	10	10	15
Peak Torque (N.m)	12	15	18	22	20	25	25	30
Constant Voltage (V/1000r.min)	72	68	65	68	140	103	70	114
Torque Coefficient (N.m/A)	1.0	1.0	1.0	1.03	2.2	1.67	1.0	1.58
Rotor Inertia (Kg.m ²)	0.85×10 ⁻³	1.06×10 ⁻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
Line-line Resistance (Ω)	2.76	1.84	1.21	1.01	2.7	1.5	0.73	1.1
Line-line Inductance (mH)	6.42	4.9	3.87	2.94	8.8	4.37	2.45	4.45
Mechanical Time Constant (Ms)	2.32	2.66	3.26	2.91	3.26	2.91	3.36	4.05
Pole Pairs	10				8			
Encoder Type	17 bits absolute							

Encoder Type

Symbol	Encoder Type
A6	Economical single-turn 17 bits absolute encoder
A1	Economical multi-turn 17 bits absolute encoder
B4	High performance single-turn 23 bits absolute encoder
В9	Optical single-turn 17 bits absolute encoder
15	Optical 10000ppr incremental encoder
12	Optical 2500ppr incremental encoder



When installing/removing part to the end of the motor shaft, please do not knock the shaft to prevent the encoder at the another end of the shaft from being knocked out of order.

As far as possible to prevent shaft seat vibration to prevent bearing damage.

SERVO MOTOR AND APPLICABLE SERVO DRIVE

Economical Absolute Encoder Series

Servo Motor					Servo Drive	Cable		
Rated Power(KW)	Model	Flange (mm)	Rated Torque (N.m)	Pulse	Туре		Power Cable	Encoder Cable
				Economical	High performance	EtherCAT		
0.1	DB40-00330A6-HA	40	0.32	P100S-40	P100H-40	P100E-40	P100P-XX-G- X-4PA	E100P-XX-G-X- 9PA
0.2	DB60-00630A6-TJA	60	0.64					
0.4	DB60-00130A6-TJA	60	1.27					
0.75	DB80-02430A6-TJA	80	2.39	D4000 75	P100H-75	P100E-75		
1.0	DB80-03230A6-TJA	80	3.18	P100S-75				
1.3	DB130-08315A6-MH	130	8.3	P200S	P200H	P200E	P200P-XX-G- X-4PH	E200P-XX-G-X- 7PH
0.85	DB130-05415A6-MH	130	5.4					
1.0	DN130-04025A6-MH	130	4					
1.0	DN130-10010A6-MH	130	10					
1.3	DN130-05025A6-MH	130	5					
1.5	DN130-06025A6-MH	130	6					
1.5	DN130-10015A6-MH	130	10					
2.0	DN130-07725A6-MH	130	7.7					
2.3	DN130-15015A6-MH	130	15					
2.6	DN130-10025A6-MH	130	10					

Incremental Encoder Series

	Servo I		Servo Drive			Cable				
Rated Power(KW)	Model	Flange (mm)	Rated Torque (N.m)	Encoder Resolution (ppr)	Pulse Type				Encoder	
					Economical	High performance	EtherCAT	Power Cable	Cable	
1.0	DN130-04025I2-MH	130	4	2500	- P200S	P200H	P200E	P200P-XX-G- X-4PH	ES200-XX-G- NA-15PH	
1.0	DN130-10010I2-MH	130	10	2500						
1.3	DN130-05025I2-MH	130	5	2500						
1.5	DN130-06025I2-MH	130	6	2500						
1.5	DN130-10015I2-MH	130	10	2500						
2.0	DN130-07725I2-MH	130	7.7	2500						
2.3	DN130-15015I2-MH	130	15	2500						
2.6	DN130-10025I2-MH	130	10	2500						

High Performance Absolute Encoder Series

Servo Motor					Servo Drive	Cable		
Rated	Model	Flange (mm)	Rated Torque (N.m)	Pulse	Туре	EtherCAT	Power Cable	Encoder Cable
Power(KW)				Economical	High performance			
0.1	DN40-00330B4-MHZ	40	0.32	- P100S-40	P100H-40	P100E-40	PH100-XX-G- NA-4PHZ	EH100-XX-G- NA-7PHZ
0.2	DN60-00630B4-MHZ	60	0.637					
0.4	DN60-01330B4-MHZ	60	1.27					
0.6	DN60-01930B4-MHZ	60	1.91					
0.4	DN80-01330B4-MHZ	80	1.27	P100S-75	P100H-75	P100E-75		
0.75	DN80-02430B4-MHZ	80	2.39					
0.73	DN80-03520B4-MHZ	80	3.5					
1.0	DN80-04025B4-MHZ	80	4					
1.0	DN130-04025B4-MH	130	4					
1.0	DN130-10010B4-MH	130	10					
1.3	DN130-05025B4-MH	130	5					
1.5	DN130-10015A6-MH	130	6	P200S		P200E	P200P-XX-G- X-4PH	E200P-XX-G-X- 7PH
1.5	DN130-10015B4-MH	130	10					
2.0	DN130-07725B4-MH	130	7.7		P200H			
2.3	DN130-15015B4-MH	130	15					
2.6	DN130-10025B4-MH	130	10					

Supply chain assurance



- Global first-class brand raw material supplier
- Perfect supply chain system
- Qualifications of suppliers: select world-class raw material suppliers to ensure the high quality of products. Assessment of suppliers: It has a complete assessment system and comprehensive assessment in many aspects.



