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LC760 series servo system

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Efficient and reliable

The LC760 series is a high-performance servo drive product launched by our company, covering the most commonly used power range of 50W~7.5kW in general automation, As well as single-phase and three-phase power supply systems. It combines space saving design with excellent servo control performance - fast, smooth, and precise positioning.

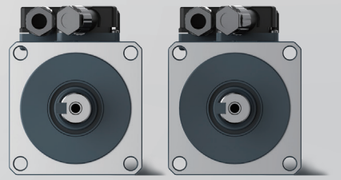
The LC760 series servo drive and LCMK1 servo motor can be combined to form a high-performance and easy-to-use servo system, which can be widely used in various industries. It is compatible with mainstream Pass such as Beckhoff and Omron, providing you with efficient and convenient motion control solutions.

LC760 series servo drive

The LC760 series is divided into two communication versions, EtherCAT and PROFINET, according to different applications. Real time transmission of user data, process data, and diagnostic data can be achieved through a single cable.

LCMK1 series servo motor

The LCMK1 series is a naturally cooled permanent magnet synchronous motor that dissipates heat through the motor surface. It supports a maximum protection level of IP67 and 3.5 times overload. It can be combined with the LC760 series driver to form a flexible and efficient servo system.



Excellent performance

Excellent performance and multiple high-end features create faster, more stable, and more accurate driving scenarios, ensuring worry free production.

- High response: 3kHz speed loop bandwidth
- High precision: Supports absolute value encoder with 23 bit resolution
- High speed: Supports 125 us synchronization cycle
- High adaptability: compatible with multiple mainstream bus controllers
- High dynamic: PN version supports DSC control mode

Easy to use

The connection with the control system is fast and simple, requiring minimal adjustments to achieve stable operation.

- Integrated communication interface to improve wiring efficiency
- Compact volume design to meet installation requirements in demanding spaces
- Easy to connect and use, using serial debugging cables to improve debugging efficiency
- Bus servo parameter copying, convenient and fast
- One click download and FOE function to improve production efficiency

Reliable operation

Safe functional design, high-quality device selection, and comprehensive testing and verification.

- Built in dynamic braking function
- Support STO safety torque stop function (optional)
- High quality motor bearings extend service life
- Drivers operate stably in harsh environments
- CE certification to meet the export requirements of equipment

Rich products

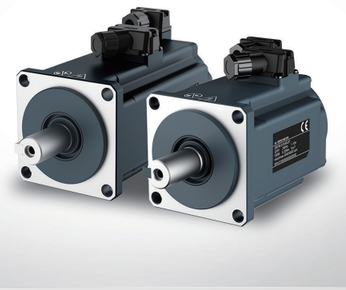
With a rich range of driver series products and accessories, it is easy to build the system that customers need.

- EtherCAT and PROFINET communication versions
- Standard and Safe (STO)
- Perfect combination of drive/motor products and accessories for easy selection

Efficient service

Flexible and efficient product services, providing deep support from selection to maintenance.

- 24-hour response, 48 hour problem resolution
- Rapid response to product management and after-sales maintenance



The servo drive platform adopts optimized design, consisting of LC760 driver and LCMK1 servo motor. The driver has 5 different external dimensions, covering a power range of 50W-7.5kW, and can complete various types of driving tasks, suitable for various servo driving scenarios.

Superior servo performance

Build faster, more stable, and more accurate driver scenarios

3 kHz
速度环带宽
Speed loop bandwidth

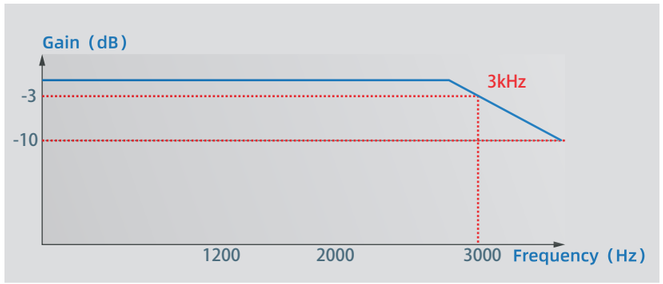
125 μs
同步周期
Synchronization period

±20 ns
同步抖动
Synchronous jitter

强化振动
抑制功能
Enhanced vibration
Inhibitory function

Higher dynamic response

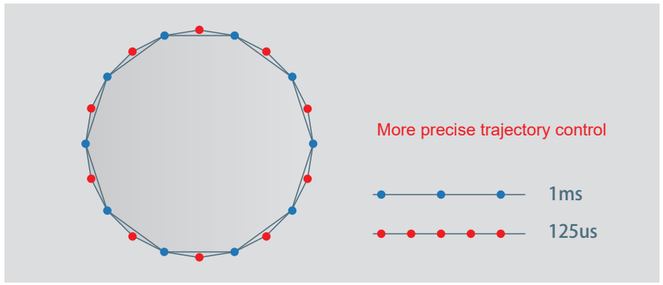
3kHz speed loop bandwidth, command tracking faster, effectively shorten the setting time of position arrival.



Note: Speed loop bandwidth - the frequency of the fastest speed command that the servo system can respond to.

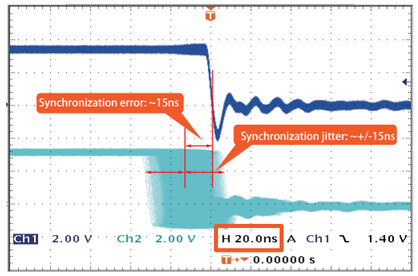
Communication cycles are shorter

The whole series uses a higher performance master chip, which further improves the communication and interaction ability, and supports 125μs synchronization cycle for all operating modes of EtherCAT.



Less sync jitter

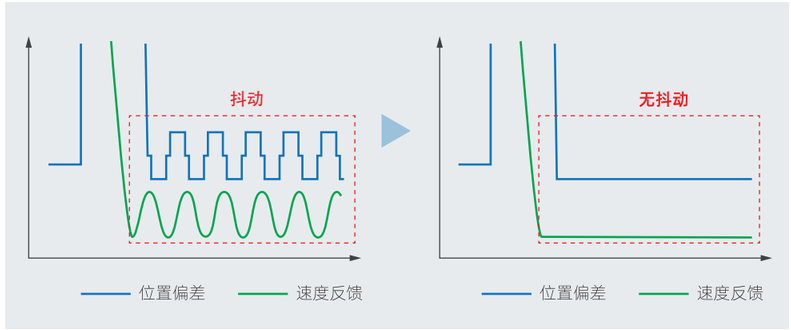
Through the precise adjustment of EtherCAT distribution clock, 300 nodes can achieve 120m distance, 15ns synchronization error, and ±20ns synchronization jitter. The position loop control is synchronized with the synchronization signal to further improve the synchronization of multi-axis control.



Note: Synchronization error refers to the time deviation of any two nodes to receive synchronization signal; Synchronization jitter refers to the variation error of synchronization signal interval time.

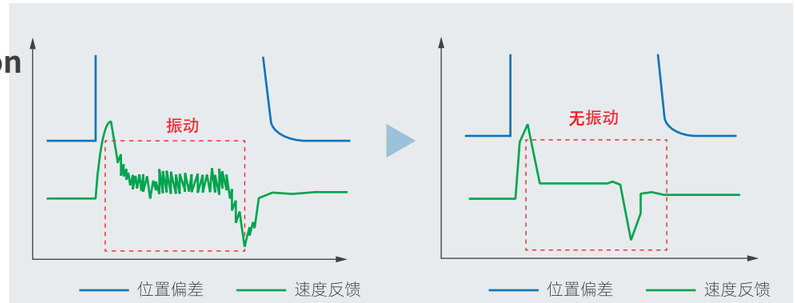
Low frequency jitter suppression

By strengthening the jitter suppression function, two kinds of low frequency jitter at the end of the device can be suppressed simultaneously, and the stability and production efficiency of the device can be improved.



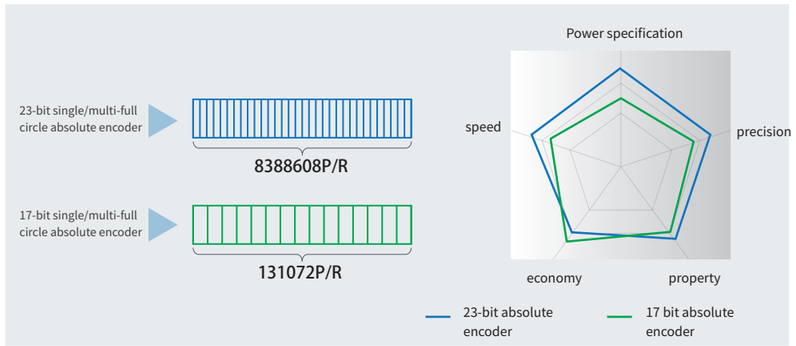
High-frequency vibration suppression

There are 5 groups of traps :2 groups of adaptive traps, 3 groups of manual traps; Improve product ease of use, excellent effect, effectively reduce vibration



High positioning accuracy

The 23-bit resolution absolute encoder is matched with the built-in encoder absolute accuracy correction function to ensure high positioning accuracy and extremely low speed fluctuations.



Ingenious and innovative design

Greatly improve the convenience of use

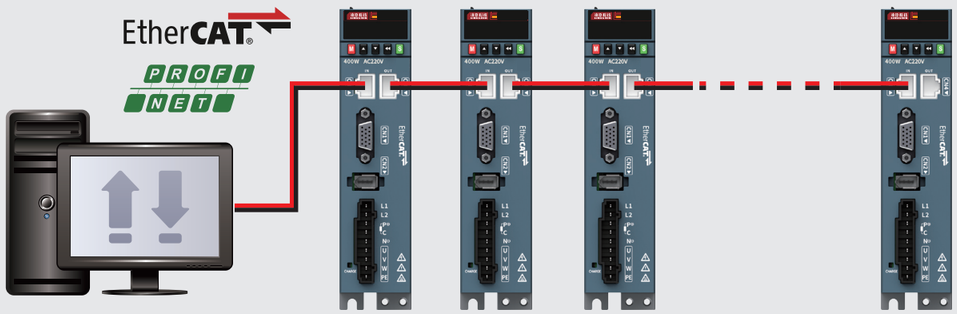
More compact size | Faster operation | Easier debugging | Easier connection

More compact size

With a new generation of power devices and innovative design solutions, the drivers and motors are smaller in size and better meet the installation requirements in demanding Spaces.

Faster operation

- Batch debugging, complete at once: The servo drive parameter Settings can be easily copied from one drive unit to another via the bus.
- Download with one click: There is no clear limit on downloading at the same time, and the number of parameters affects the speed. When downloading parameters, they are read and written in series through network ports.
- FOE Features: Through Pas, the burning file can be imported for one-click burning.



Easier connection

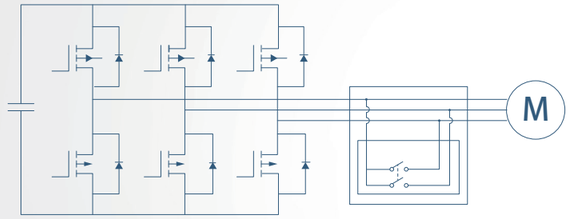
Industrial Ethernet standards for automation, with standard interfaces, easier connections, a single cable for real-time transmission of user/process data as well as diagnostic data, reducing system complexity.

A safe and reliable option

Let users use more assured

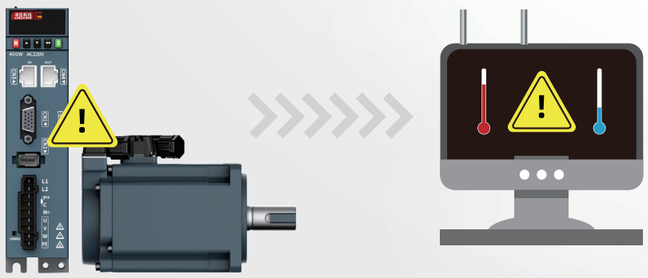
Built-in dynamic braking

In the case of servo failure, emergency stop or shutdown, and motor lock failure, dynamic braking can be performed to prevent equipment damage or personnel injury caused by rapid motor rotation.



Built-in temperature monitoring

Servo drive and servo motor are equipped with temperature protection function, through the sensor to directly monitor the temperature status of the product, early detection and prevention of failures, can be safe and assured.



Adapt to harsh environment

High protection design makes the drive more stable in harsh environments.

- Wide voltage range:
  Single-phase/three-phase AC 200 V ~240 V (-10% ~ +10%)
  Three-phase AC 380 V to 480 V (-10% to +10%)
- Coated PCB boards improve drive stability in harsh environments.

High quality motor

The motor with new structural design and new manufacturing process has a longer service life.

Integrated security features STO

Optional safety torque off function: no output contactor is required to prevent electric shock or mechanical damage in the fault state.

LC760 Series

LC760 series servo driver

Naming convention

LC760 N - 2T - 2R8 - **

Non-standard marking	Default: Standard model -SA: indicates the basic type with STO function	
Rated current	1R6：1.6 A 2R8：2.8 A 5R5：5.5 A	··· 021：21 A 026：26 A
Voltage level	2T：220 V	4T：380 V
Product type	N: EtherCAT bus type F:Profinet bus type P: Pulse type (under development)	
Product series	LC760 series servo driver	

Rated data

■ Single-phase 220V class servo driver

ITEM	SIZE-A		SIZE-B
Power	0.2 kW	0.4 kW	0.75 kW
Driver model LC760	2T1R6	2T2R8	2T5R5
Continuous output current Arms	1.6	2.8	5.5
Maximum output current Arms	5.8	10.1	16.9
Main circuit power supply	Single AC200 V~240 V，-10%~+10%，50/60 Hz		
Control circuit power supply	Busbar power supply, shared power input and rectification		
Brake handling function	Brake resistor external connection		Built-in brake resistance

■ Three-phase 220V grade servo driver

ITEM	SIZE-C	SIZE-D
Power	1.0 kW	1.5 kW
Driver model LC760	2T7R6	2T012
Continuous output current Arms	7.6	12
Maximum output current Arms	23	32
Main circuit power supply	Single/ three AC200 V~240 V，-10%~+10%，50/60Hz	
Control circuit power supply	Single AC200 V~240V，-10%~+10%，50/60Hz	
Brake handling function	Built-in brake resistance	

※ The 2T7R6 and 2T012 driver main power supply can be connected to single or three phase, depending on the power supply available on site.

■ Three-phase 380V class servo driver

ITEM	SIZE-C		SIZE-D		SIZE-E		
Power	0.85 kW	1.5 kW	2.0 kW	3.0 kW	5.0 kW	6.0 kW	7.5 kW
Driver model LC760	4T3R5	4T5R4	4T8R4	4T012	4T017	4T021	4T026
Continuous output current Arms	3.5	5.4	8.4	12	17	21	26
Maximum output current Arms	11	14	20	29.8	41.3	52.1	64.3
Main circuit power supply	Three AC380V~440 V，-10%~+10%，50/60 Hz						
Control circuit power supply	single AC380 V~440 V，-10%~+10%，50/60 Hz						
Brake handling function	Built-in brake resistance						

Technical specification

■ Basic specification

ITEM	Specification
Control mode	IGBTPWM control, sine wave current drive mode 220V, 380V: single-phase or three-phase full-bridge rectifier
Encoder feedback	23-bit multi-turn absolute encoder (can be used as single-turn absolute encoder without battery)
Service temperature	0~+55 ° C (Derating 10% for every 5 ° C rise above 45 ° C)
Storage temperature	-40 ~ +70 ℃
altitude	The highest altitude is 2000m, and the derate is 1% for every 100m rise above 1000m
Class of protection	IP20(except terminal "IP00")

■ Speed torque control mode

ITEM		Specification
Property	Speed control range	1:6,000 (the lower limit of the speed control range is the condition that the rated torque load does not stop)
	Speed loop bandwidth	3kHz
	Torque control accuracy	1%
	Ramp time setting	0~100s(acceleration and deceleration can be set separately)
Input signal	Speed assignment input	Network-based instructions come from EtherCAT and Profinet
	Torque instruction input	

■ Position control mode

ITEM		Specification	
Property	Positioning time	1 ~10ms	
Input signal	Position instruction	Network-based instructions come from EtherCAT and Profinet	
Digital input signal	Changes in signal allocation can be made	P-OT(Forward overrange switch) HomeSwitch(Origin switch) TouchProbe2(Probe2)	N-OT(Reverse overrange switch) TouchProbe1(Probe1)
Digital output signal	Changes in signal allocation can be made	Three DO channels, DO carrying capacity 50mA	
		Voltage range 5V~30V / S-RDY(Servo ready)ALM(Fault output) / BK(lock output)	

Built-in function

ITEM		Specification
Overrange (OT) prevention function		P-OT or N-OT stops immediately
Protection function		Overcurrent, overvoltage, undervoltage, overload, abnormal main circuit detection, heat sink overheating, overspeed, encoder abnormal, CPU abnormal, parameter abnormal
LED display function		Main power supply CHARGE, 5-bit LED display
Vibration suppression function		It has 5 traps, 50~8000Hz, 2 of which can be set adaptively
Communication function	Connection protocol	Serial port 232
	Communication protocol	EtherCAT, RS232, PROFINET USB connection
	Multistation communication	EtherCAT: Maximum number of slave stations is 255
		PROFINET:65535(depending on PLC)
	Axis address setting	"EtherCAT" : Set 0 to 255 using software
		PROFINET: Set 0~247(RS232) through software, the host computer automatically allocates
	Feature	Status display, user parameter setting, monitoring display, alarm tracking display, J0G operation, speed, :
Other		Mapping function for torque specified signals etcGain adjustment, alarm recording, 10 Settings, JOG running

Communication specification

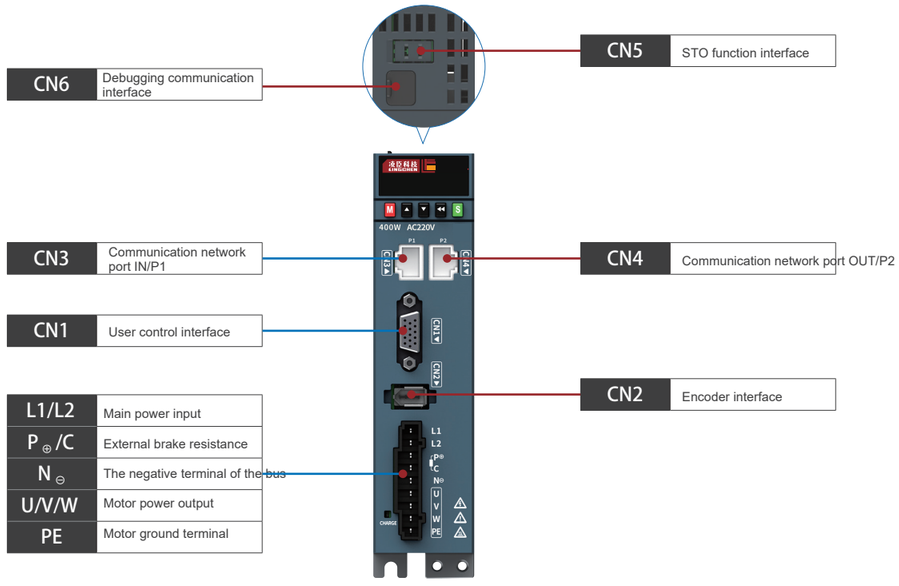
ITEM		Specification
EtherCAT Communication specification	Communication protocol	EtherCAT protocol
	Support service	CoE(PDO, SDO)
	Synchronous mode	Dc-distributed clock
	Physical layer	100Base -TX
	Baud rate	100 Mbit/s (100Base-TX)
	Duplex mode	Full duplex
	Topological structure	Circular, linear
	Transmission medium	Shielded Category 5 or high specification Ethernet cables
	Transmission distance	Less than 100m between two nodes (good environment, good cable)
	Slave station number	Protocol support up to 65535, the actual use of not more than 100
	EtherCAT frame length	The value ranges from 44 to 1498 bytes
	Process data	A single Ethernet frame has a maximum of 1486 bytes
	Synchronous jitter of two slave stations	<1 us
	Refresh time	1000 switch input and output about 30us 100 simultaneous service axes about 100us Define different refresh times for different interfaces
	Bit error rate of communication	1010 Ethernet standard
EtherCAT Configuration unit	FMMU unit	8
	Storage synchronization management unit	8
	Process data RAM	8KB
	Distributed clock	64-bit
	EEPROM capacity	32 kbit Initialization data is written to the EtherCAT master

ITEM		Specification
PROFINET Communication specification	Communication protocol	PROFINET protocol
	Process data	RT and IRT
	Acyclic data	Supports access to line gauge parameters and function code parameters

ITEM		Specification
PROFINET Communication specification	Bus cycle	RT mode: Minimum 1ms us IRT mode: Minimum 500
	Synchronous jitter	<1us
	Physical layer	100 Base-TX
	Baud rate	100M Bit/S (100Base-TX)
	Duplex mode	Full duplex
	Topological structure	Ring type, line type, star type, tree type
	Transmission medium	Shielded Class 5 or better network cable
	Slave station number	The protocol supports up to 65535(determined by PLC performance), and the maximum number of slave stations tested is 100
	Bit error rate of communication	10-10 Ethernet standard
	I&M Data	I&MO to I&M4
	Configuration version	Software V17 SP| or later STEP7 software V5.5 SP4 or later
	PROFINET version	V2.4
	PROFINET interface	Number of ports :2
PROFINET IO Device: Whether media redundancy is supported	Alarm/diagnostic information	support
	DCP CALL(Find a Device)	support
	MRP(Ring Network)	support
	MRPD(Rapid Reconfiguration Ring Network)	support
	PROFINET system redundancy	support
	Priority start	support
	Disable port	support
	No configuration is required when you change the device	support

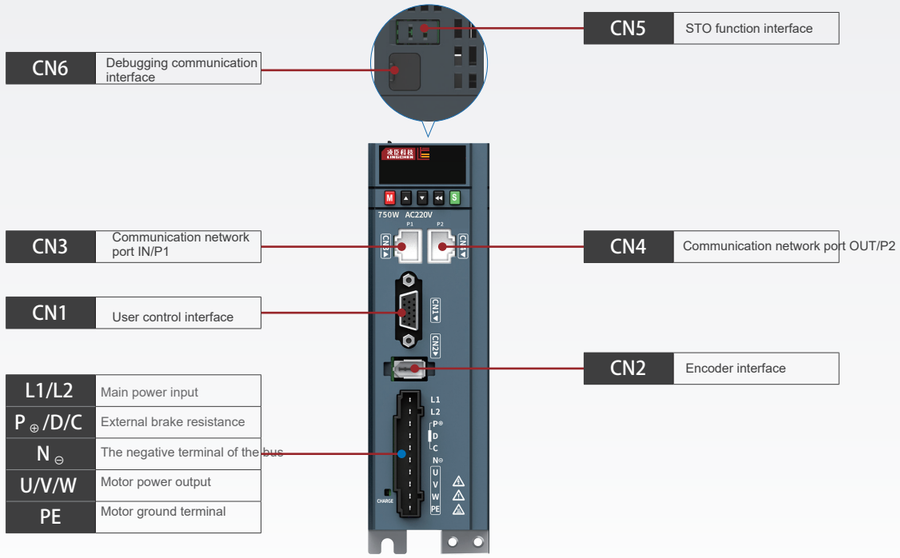
Port definition

Size A

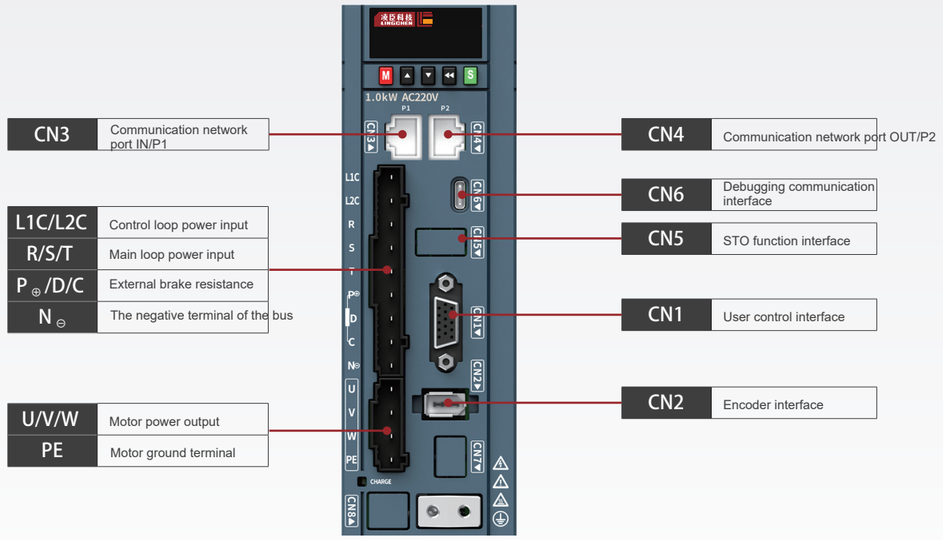


Port definition

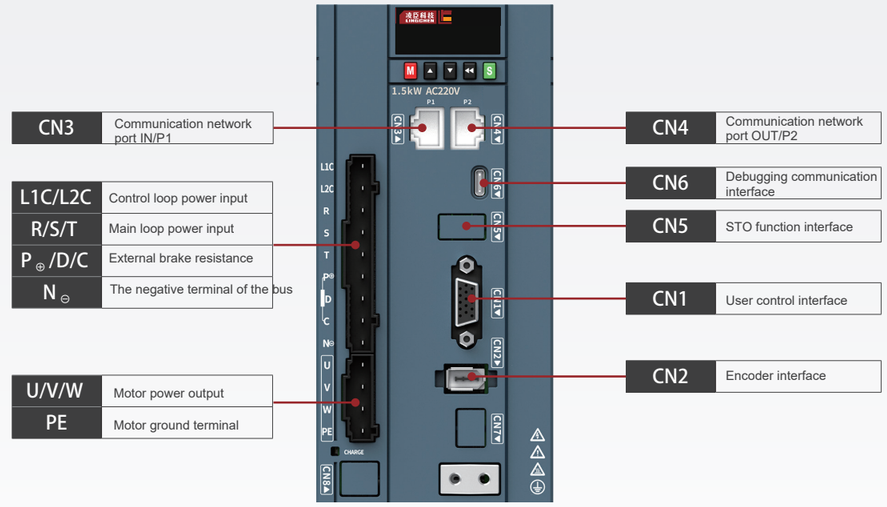
■ Size B



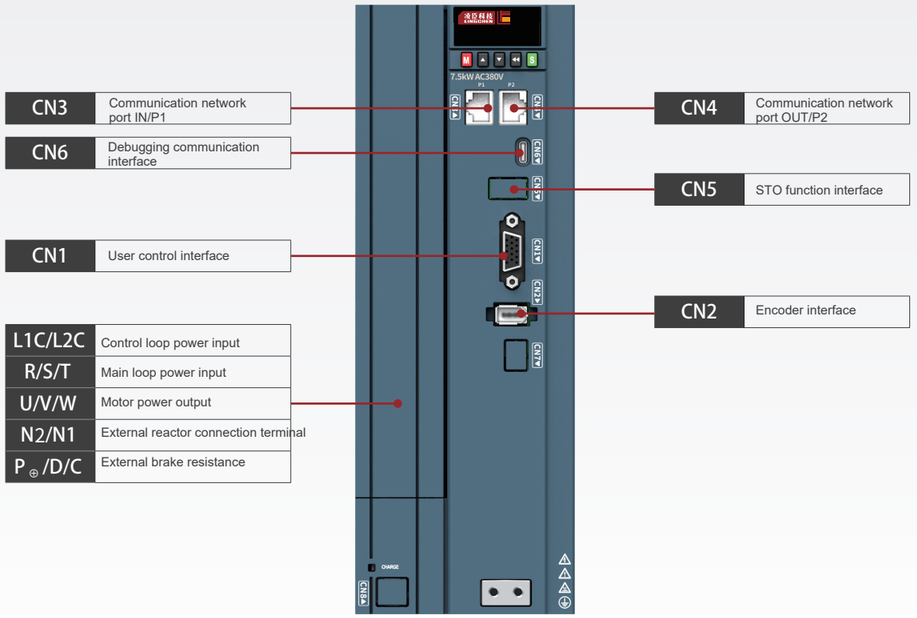
■ Size C



■ Size D

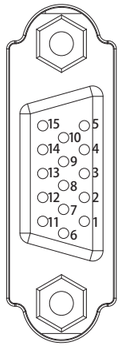


■ Size E

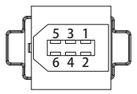


Driver terminal definition

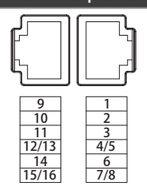
■ CN1 User control interface

Terminal profile	Terminal name		Terminal definition
	10	DI1	Forward overrange switch
	9	DI2	Reverse overrange switch
	8	DI3	Origin switch
	7	DI4	Probe 2
	11	DI5	Probe 1
	15	+24V	Internal 24V power supply, voltage range +20~28V, maximum output current 200 mA
	14	COM-	
	13	COM+	Common end of the DI input terminal
	1	DO1+	Servo ready
	6	DO1-	
	3	DO2+	breakdown
	2	DO2-	
	5	DO3+	Contracting brake
	4	DO3-	

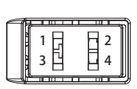
■ CN2 encoder interface

Terminal profile	Terminal name		Terminal definition
	1	+5V	5V power supply
	2	0V	Power supply OV
	3	reserve	
	4	reserve	
	5	PS+	Encoder signal +
	6	PS-	Encoder signal -
	shell	PE	shield

■ CN3/CN4 communication terminals

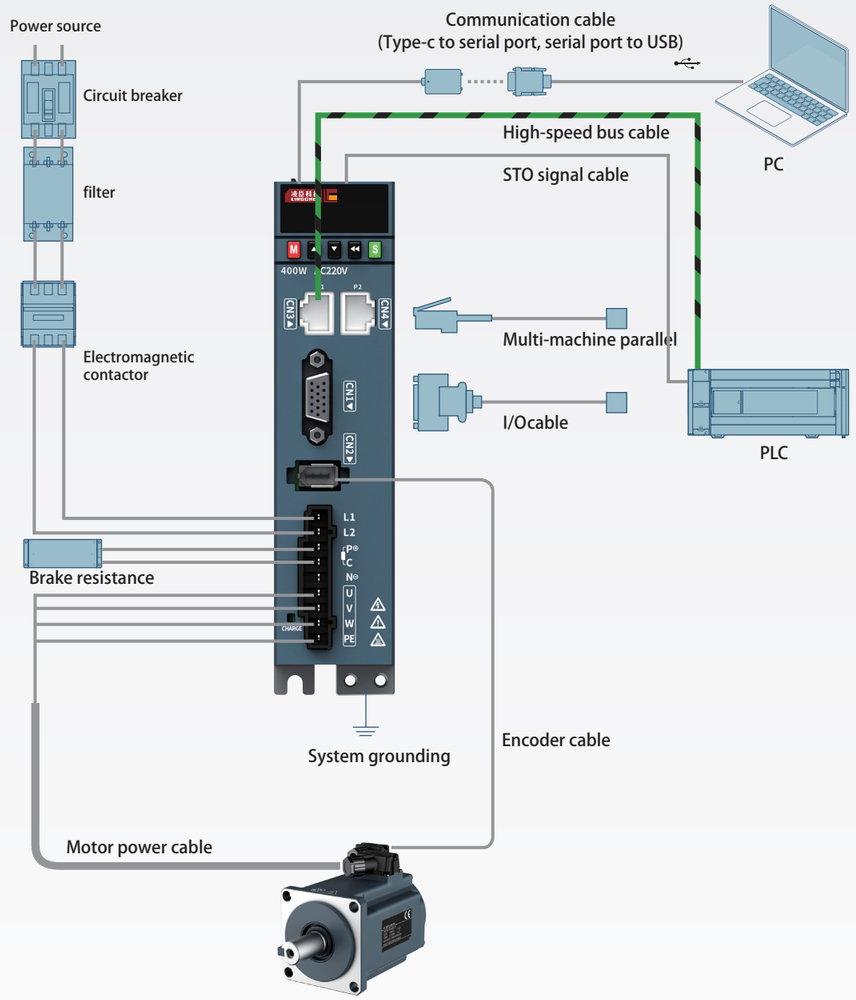
Terminal profile	Terminal name		Terminal definition	Terminal profile		Terminal name
	9	TD+	Data sending +	1	TD+	Data sending +
	10	TD-	Data transmission	2	TD-	Data sending -
	11	RD+	Data reception +	3	RD+	Data reception +
	12/13	-	-	4/5	-	-
	14	RD-	Data reception -	6	RD-	Data reception -
	15/16	-	-	7/8	-	-

■ CN5 STO Function port

Terminal profile	Terminal name		Terminal definition
	1	COM	STO reference site
	2	24V	24V power supply
	3	STO1	Control input for STO1
	4	STO2	STO2 control input

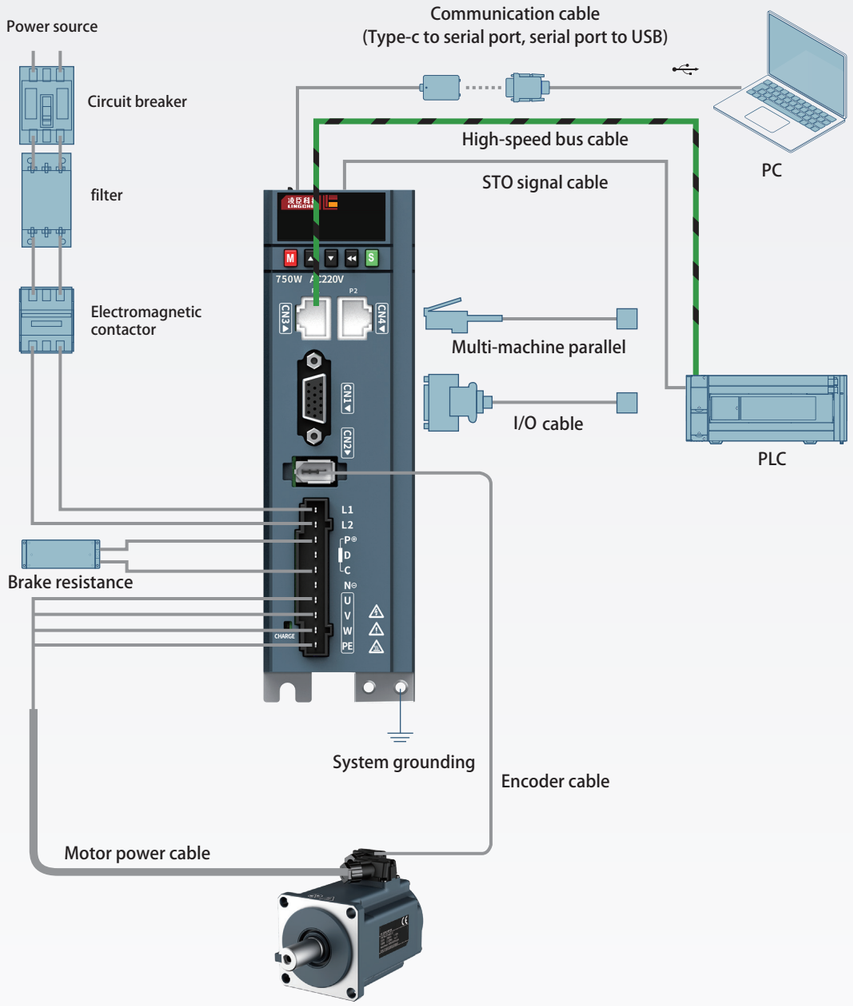
Peripheral connection

■ Size A



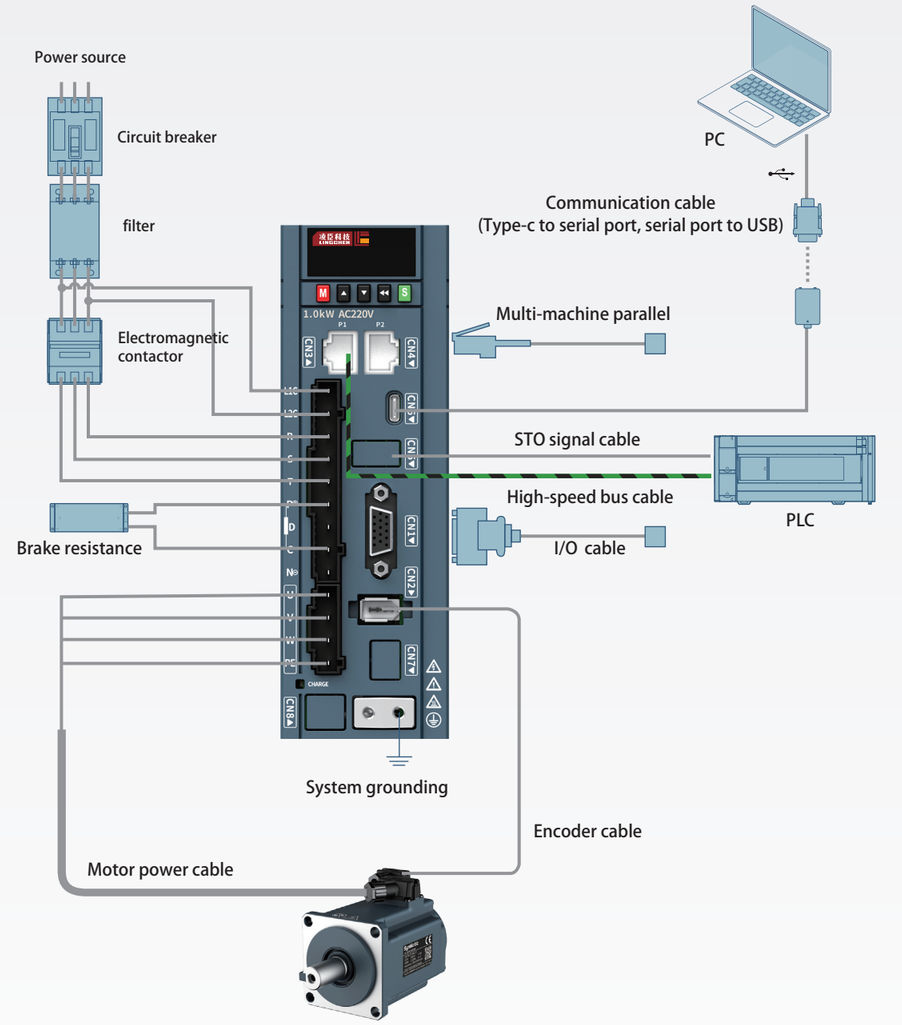
Peripheral connection

■ Size B



Note: When connecting the external brake resistor, remove the short splice between P and D

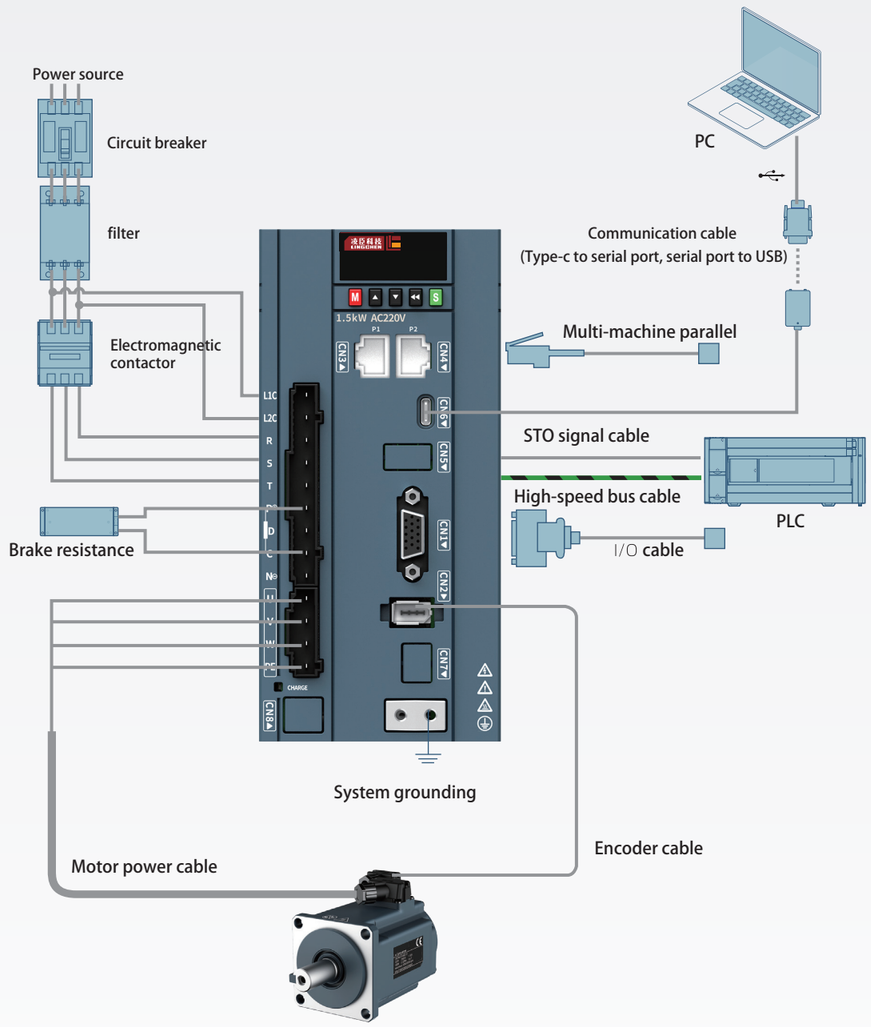
■ Size C



Note: When connecting the external brake resistor, remove the short splice between P and D

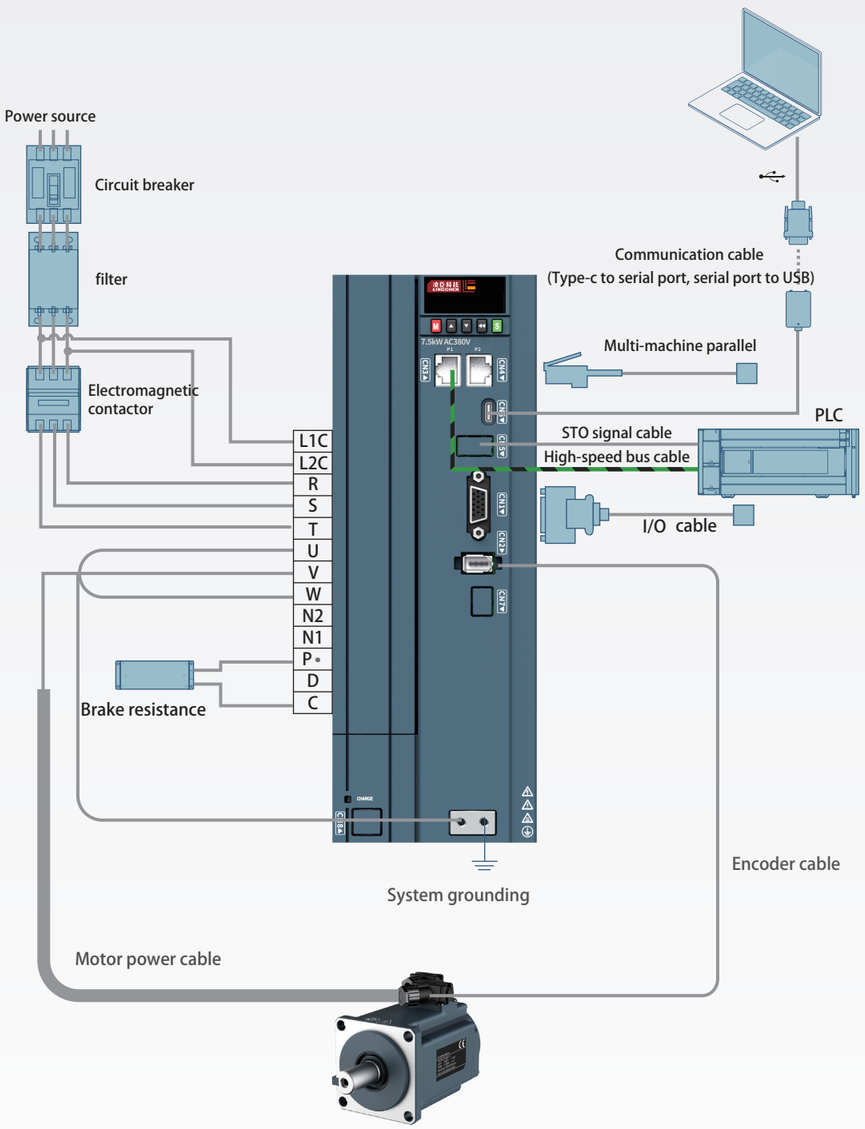
Peripheral connection

■ Size D



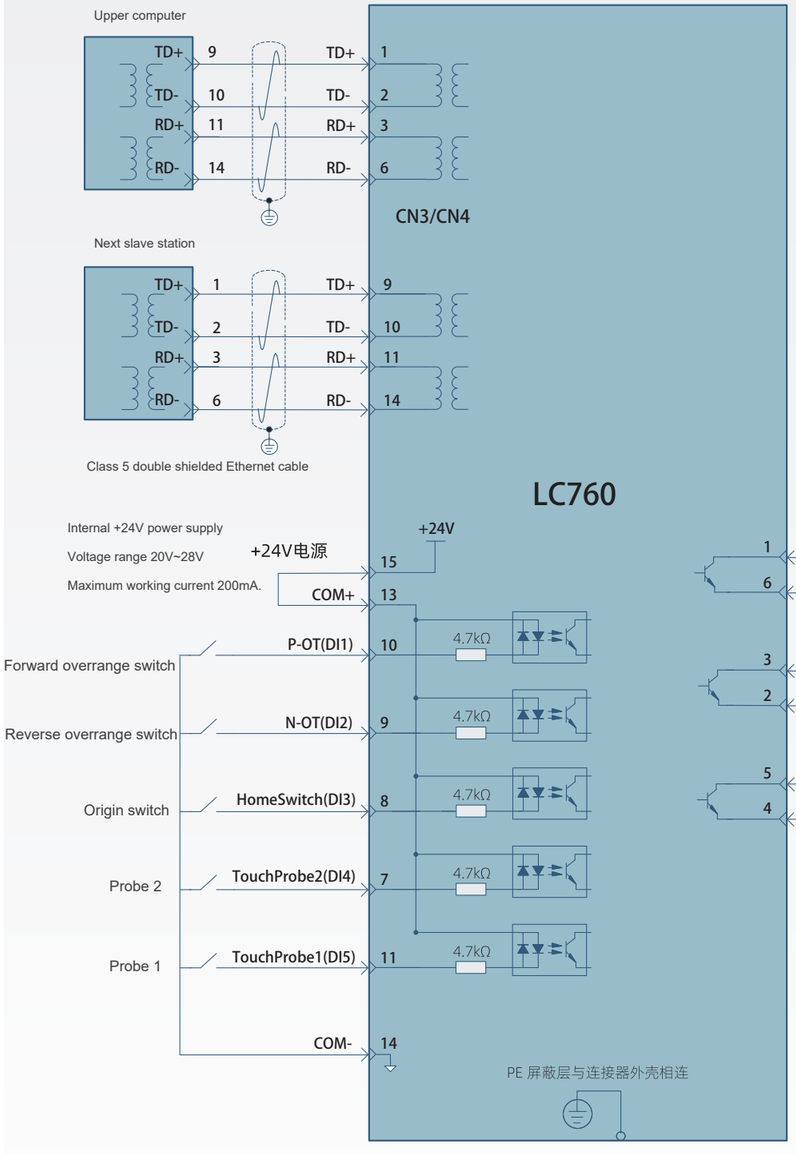
Note: When connecting the external brake resistor, remove the short splice between P and D

■ Size E



Note: When connecting the external brake resistor, remove the short splice between P and D

Electrical diagram



The DO output power supply is prepared by the user

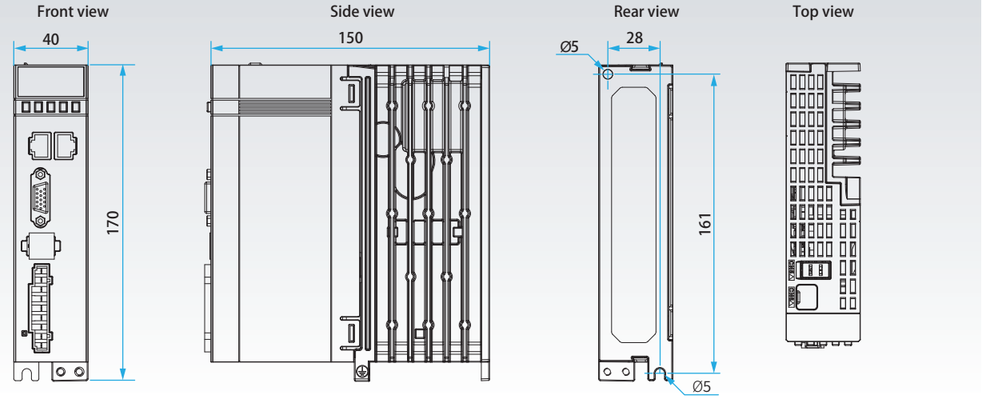
Power supply range 5V~24V.

The maximum allowable voltage of the DO port is 30V DC

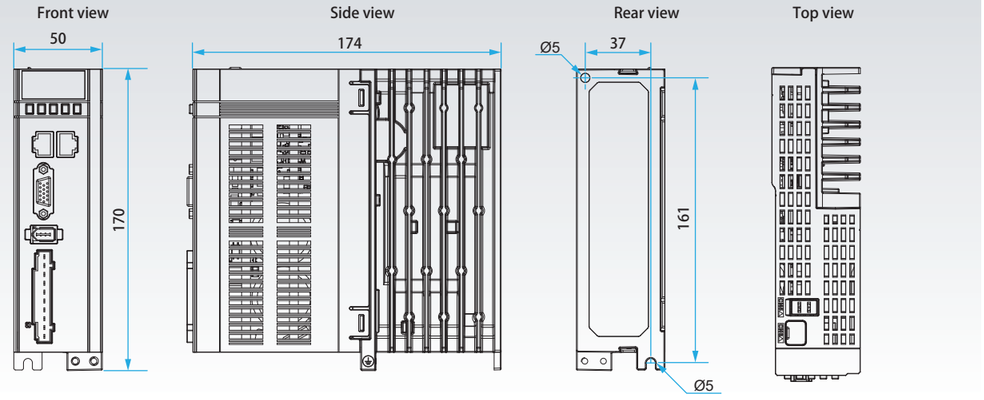
Maximum allowable current 50mA.

Product size

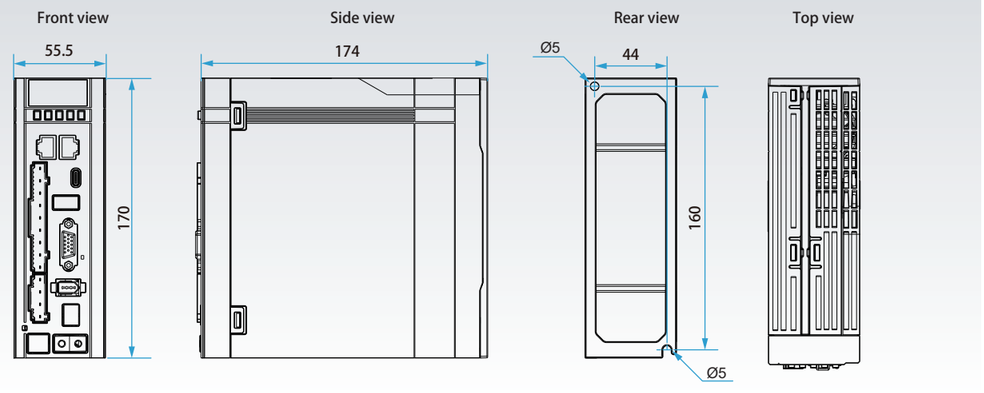
SIZE A 单位：mm



SIZE B 单位：mm

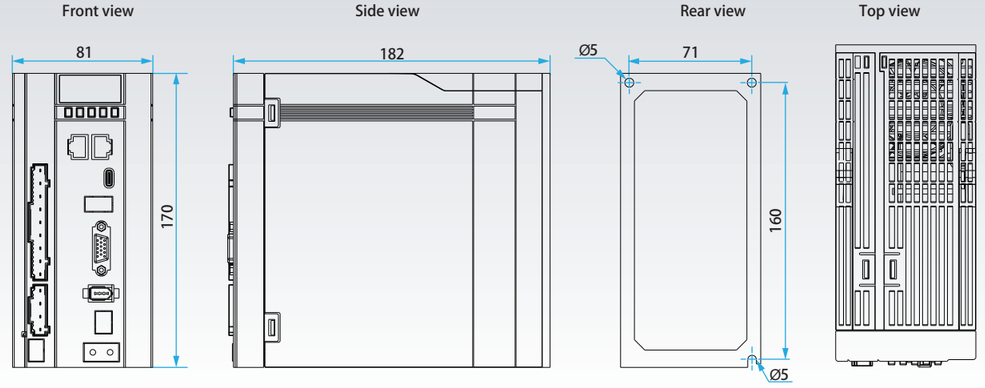


SIZE C 单位：mm

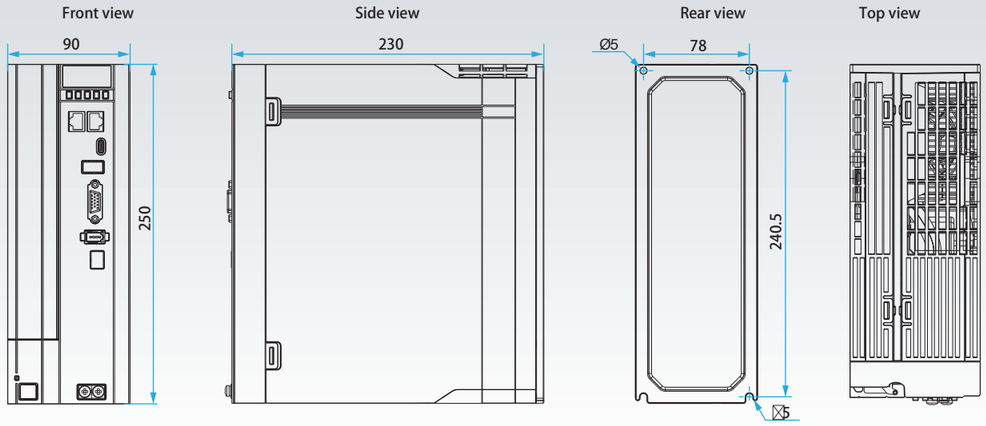


Product size

SIZE D 单位：mm



SIZE E 单位：mm



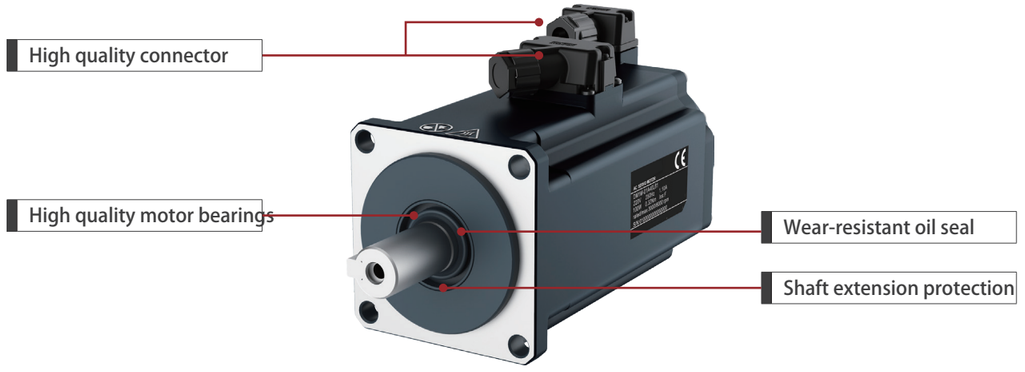
LCMK1 series servo motor

Naming convention

LCMK1 - H 2T 04 30B S 3 6 - **

Custom model	** : Reserved, non-standard customization (shaft non-standard, cable non-standard)	
Shaft end specification	1: Hollow shaft, straight keyway 2: Straight axis, no keyway, no thread 6: Straight shaft, keyway, with thread	
Encoder type	3:23 bit single loop absolute value optical knitting	4:23-bit multiturn absolute optical knitting
Brake, oil seal specifications	N: No brake, no oil seal S: No brake, with oil seal	C: With brake, no oil seal E: With brake, with oil seal
Rated speed	05B：500rpm 10B：1000rpm 30B：3000rpm	B：×10² C：×10³
power	A5：50W 01：100W 02：200W 04：400W 08：750W	09：850W 10：1.0kW … 75：7.5kW
Voltage level	2T：220V	4T：380V
Product series	LCMK1 series servo motor	

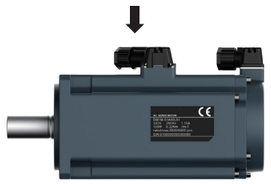
Part description

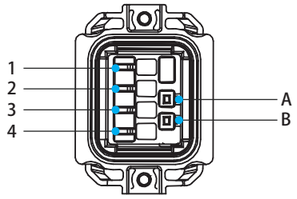


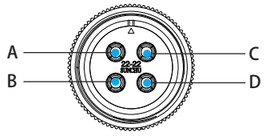
Motor terminal definition

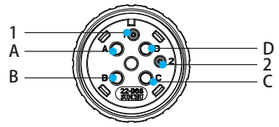
■ Power cable terminal

Power input connector



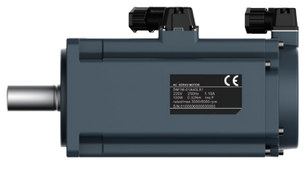
6 pin terminal diagram	Pin number	use
	1	v-phase
	2	U-phase
	3	W phase
	4	Ground wire
	A	Lock (no positive or negative)
	B	Lock (no positive or negative)

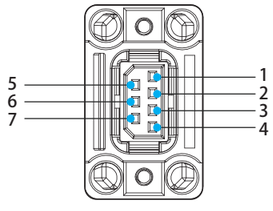
6 pin terminal diagram	Pin number	use
	A	U-phase
	B	v-phase
	C	W phase
	D	Ground wire

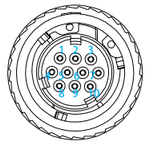
6 pin terminal diagram	Pin number	use
	A	v-phase
	B	U-phase
	C	W phase
	D	Ground wire
	1	Lock (no positive or negative)
	2	Lock (no positive or negative)

■ Encoder cable terminal

Encoder connector



6 pin terminal diagram	Pin number	use
	1	DATA+
	2	DATA-
	3	BAT+
	4	BAT-
	5	+5V
	6	0V
	7	shell

10 pin terminal diagram	Pin number	use	Pin number	use
	1	DATA+	9	0V
	2	DATA-	10	shell
	4	+5V		
	5	BAT-		
	6	BAT+		

Note: The schematic diagram is for reference only, and the corresponding relationship and size information of the motor are referred to the matching relationship and drawings

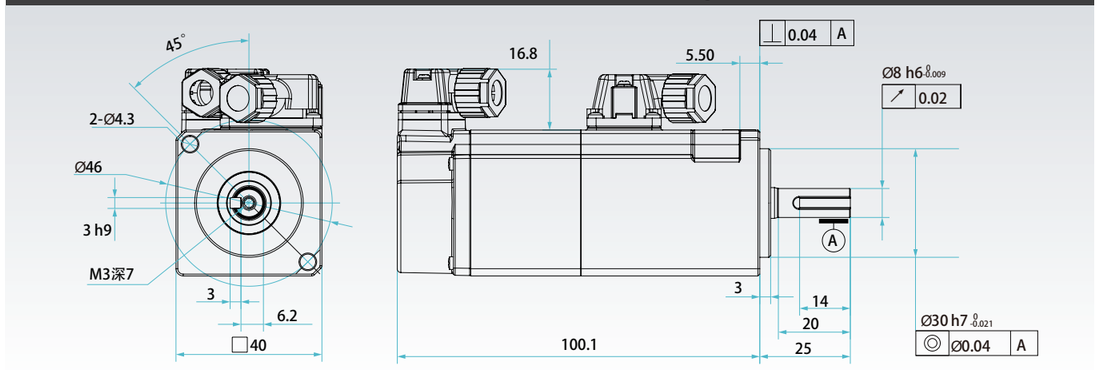
Motor specifications (3000rpm model)

■ 100W (40 stands)

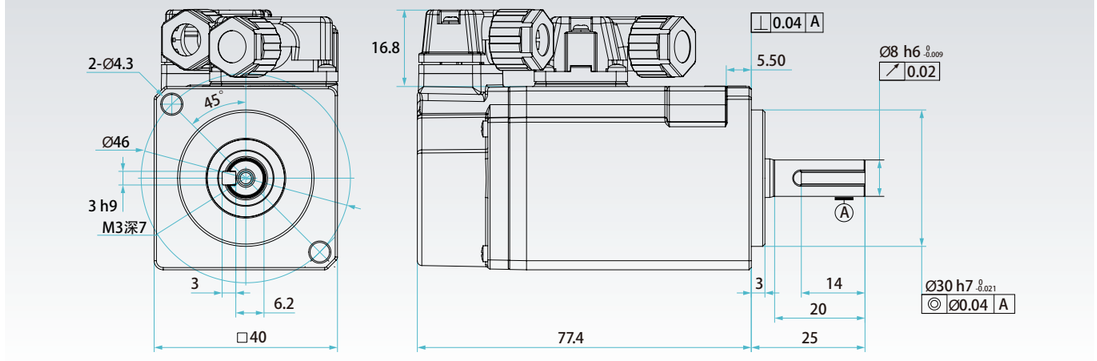
ITEM（LCMK1-XXXXXXXXXX）	H2T0130BC36、H2T0130BC46（Contracting brake）	H2T0130BN36、H2T0130BN46（Non-contracting brake）
Rated power (W)	100	
Rated current (A)	1.1	
Maximum current (A)	3.9	
Rated torque (N·m)	0.32	
Maximum torque (N·m)	1.12	
Rotor inertia (10^{-4}.kg·m^2)	0.033	0.03
Rated speed (rpm)	3000	
Maximum speed (rpm)	6000	
Rated voltage (V)	220	

■ Product size (unit: mm)

H2T0130BC36、H2T0130BC46（Contracting brake） 单位：mm



H2T0130BN36、H2T0130BN46（Non-contracting brake） 单位：mm



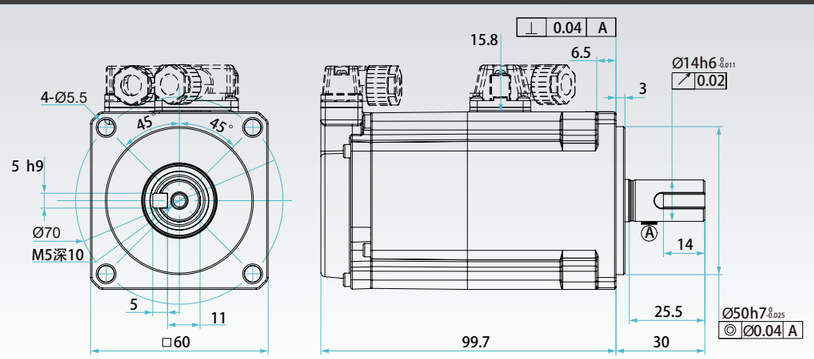
Motor specifications (3000rpm model)

■ 200W (60 stands)

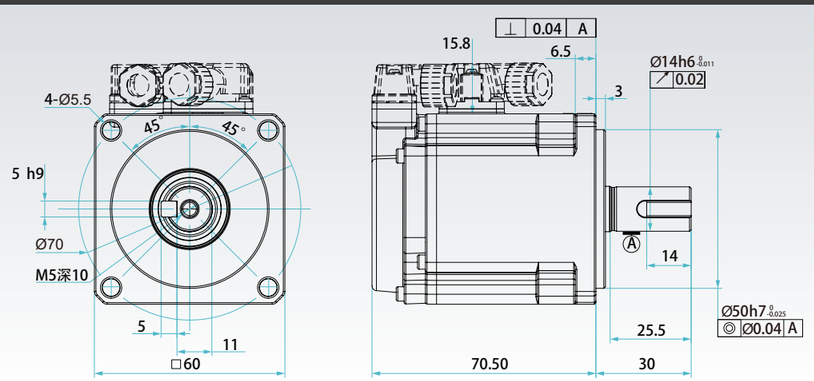
ITEM（LCMK1-XXXXXXXXXX）	H2T0230BE36、H2T0230BE46（Contracting brake）	H2T0230BS36、H2T0230BS46（Non-contracting brake）
Rated power (W)	200	
Rated current (A)	1.29	
Maximum current (A)	4.41	
Rated torque (N·m)	0.64	
Maximum torque (N·m)	2.23	
Rotor inertia (10-.kg·m2)	0.35	0.34
Overload multiple	3.5	
Rated speed (rpm)	3000	
Maximum speed (rpm)	6000	
Rated voltage (V)	220	

■ Product size (unit: mm)

H2T0230BE36、H2T0230BE46（Contracting brake） 单位：mm



H2T0230BS36、H2T0230BS46（Non-contracting brake） 单位：mm

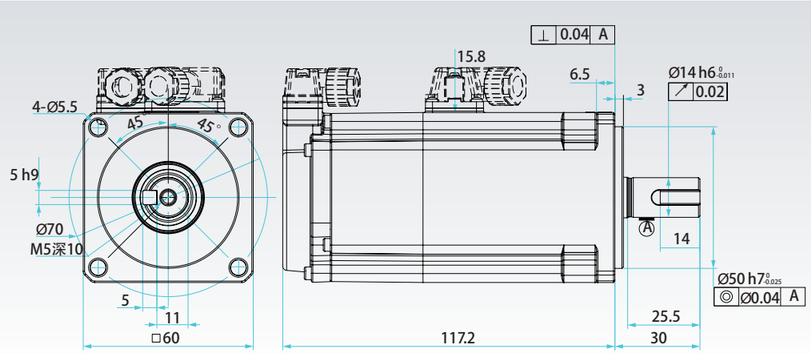


■ 400W（60 stands）

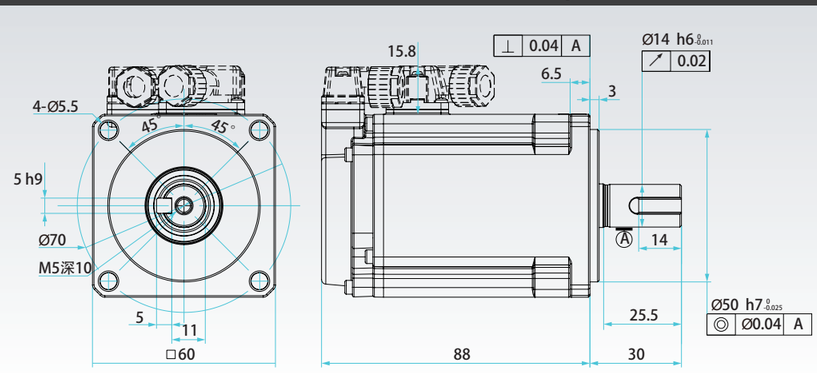
ITEM（LCMK1-XXXXXXXXXX）	H2T0430BE36、H2T0430BE46（Contracting brake）	H2T0430BS36、H2T0430BS46（Non-contracting brake）
Rated power (W)	400	
Rated current (A)	2.51	
Maximum current (A)	8.78	
Rated torque (N·m)	1.27	
Maximum torque (N·m)	4.45	
Rotor inertia (10-.kg·m2)	0.60	0.59
Overload multiple	3.5	
Rated speed (rpm)	3000	
Maximum speed (rpm)	6000	
Rated voltage (V)	220	

■ Product size (unit: mm)

H2T0430BE36、H2T0430BE46（Contracting brake） 单位：mm



H2T0430BS36、H2T0430BS46（Non-contracting brake） 单位：mm



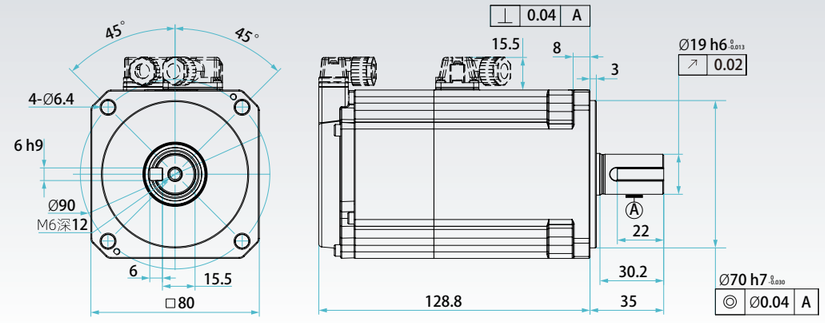
Motor specifications (3000rpm model)

■ 750W（80 stands）

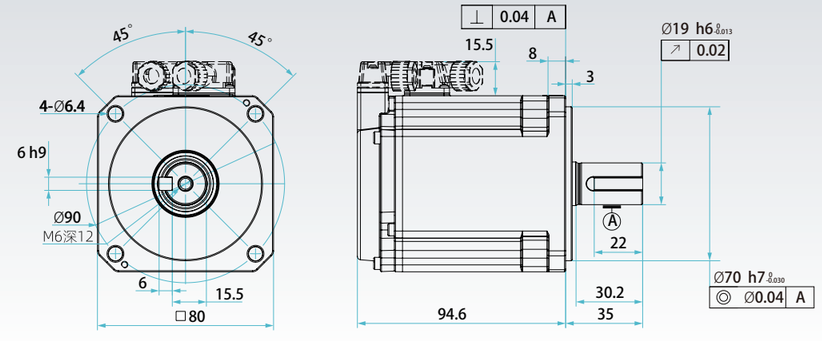
ITEM（LCMK1-XXXXXXXXXX）	H2T0830BE36、H2T0830BE46（Contracting brake）	H2T0830BS36、H2T0830BS46（Non-contracting brake）
Rated power (W)	750	
Rated current (A)	4.60	
Maximum current (A)	16.30	
Rated torque (N·m)	2.39	
Maximum torque (N·m)	8.36	
Rotor inertia (10-.kg·m2)	1.77	1.72
Overload multiple	3.5	
Rated speed (rpm)	3000	
Maximum speed (rpm)	6000	
Rated voltage (V)	220	

■ Product size (unit: mm)

H2T0830BE36、H2T0830BE46（Contracting brake） 单位：mm



H2T0830BS36、H2T0830BS46（Non-contracting brake） 单位：mm

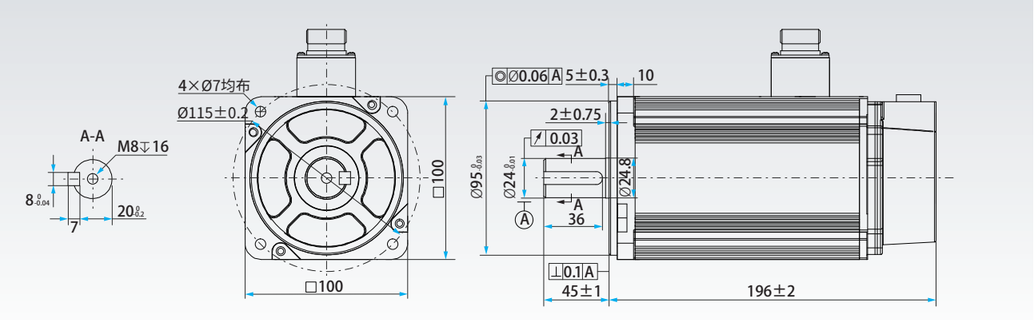


■ 1000W (100 stand /220V model)

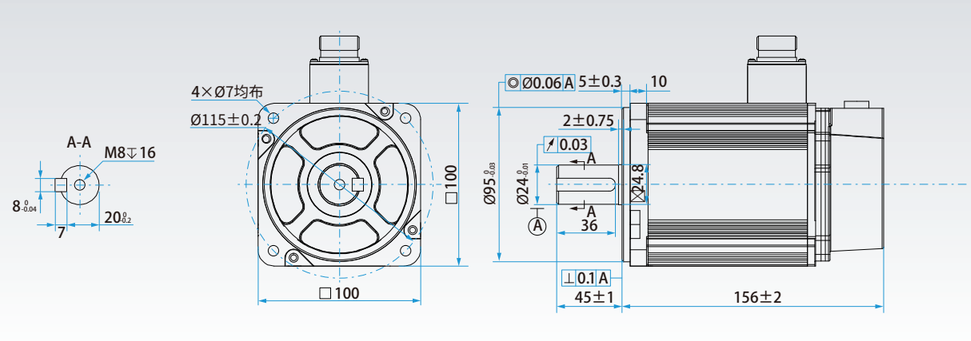
ITEM（LCMK1-XXXXXXXXXX）	H2T1030BE36、H2T1030BE46（Contracting brake）	H2T1030BS36、H2T1030BS46（Non-contracting brake）
Rated power (W)	1000	
Rated current (A)	7.5	
Maximum current (A)	23.00	
Rated torque (N·m)	3.18	
Maximum torque (N·m)	9.54	
Rotor inertia (10^{-4}.kg·m^2)	2.3	1.82
Rated speed (rpm)	3000	
Maximum speed (rpm)	6000	
Rated voltage (V)	220	

■ Product size (unit: mm)

H2T1030BE36、H2T1030BE46（Contracting brake） 单位：mm



H2T1030BS36、H2T1030BS46（Non-contracting brake） 单位：mm



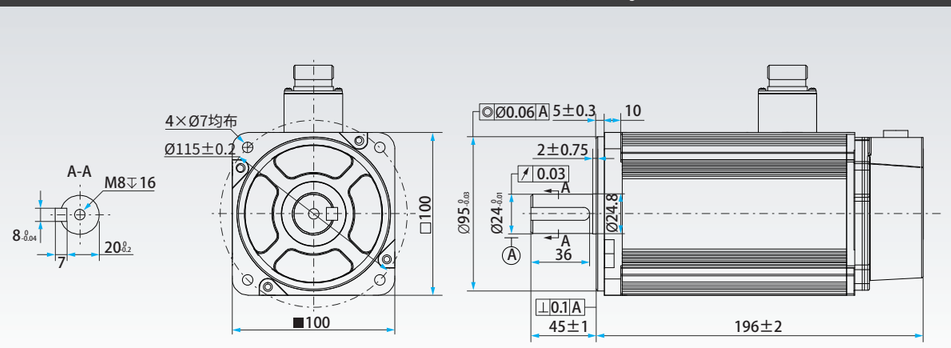
Motor specifications (3000rpm model)

■ 1000W (100 stand /380V model)

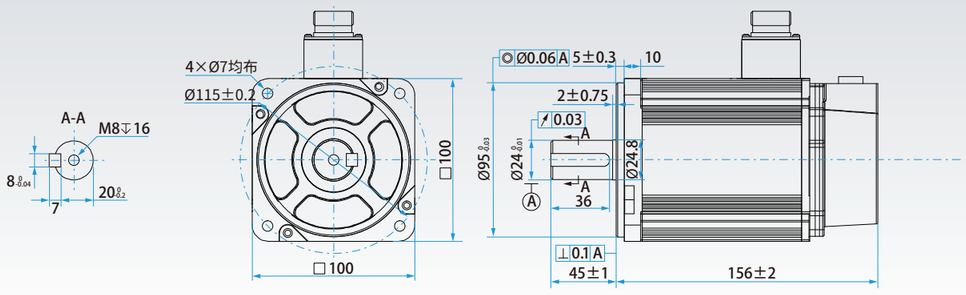
ITEM（LCMK1-XXXXXXXXXX）	H4T1030BE36、H4T1030BE46（Contracting brake）	H4T1030BS36、H4T1030BS46（Non-contracting brake）
Rated power (W)	1000	
Rated current (A)	3.8	
Maximum current (A)	11.4	
Rated torque (N·m)	3.18	
Maximum torque (N·m)	9.54	
Rotor inertia (10^{-4}.kg·m^2)	2.3	1.82
Rated speed (rpm)	3000	
Maximum speed (rpm)	6000	
Rated voltage (V)	380	

■ Product size (unit: mm)

H4T1030BE36、H4T1030BE46（Contracting brake） 单位：mm



H4T1030BS36、H4T1030BS46（Non-contracting brake） 单位：mm

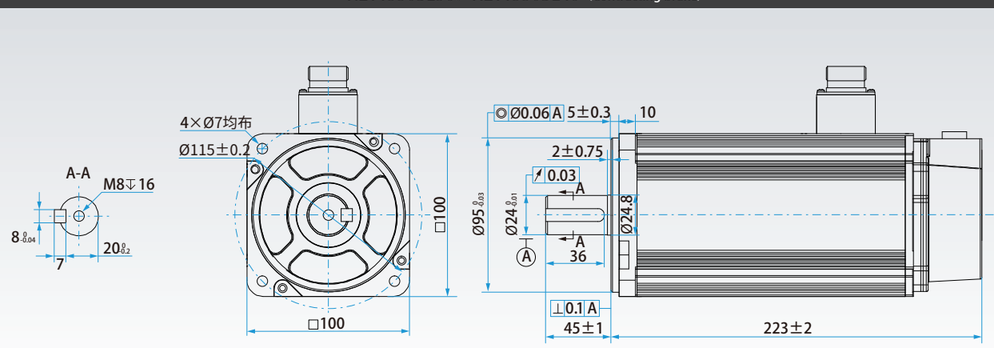


■ 1500W（100stand/220Vmodel）

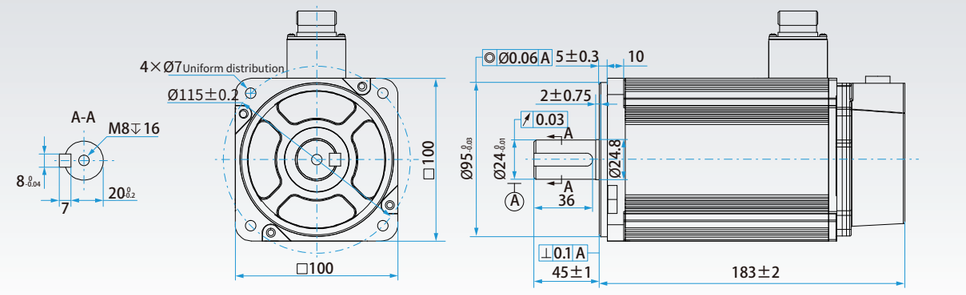
ITEM（LCMK1-XXXXXXXXXX）	H2T1530BE36、H2T1530BE46（Contracting brake）	H2T1530BS36、H2T1530BS46（Non-contracting brake）
Rated power (W)	1500	
Rated current (A)	10.8	
Maximum current (A)	32.0	
Rated torque (N·m)	4.9	
Maximum torque (N·m)	14.7	
Rotor inertia (10^{-4}.kg·m^2)	2.94	2.46
Rated speed (rpm)	3000	
Maximum speed (rpm)	5000	
Rated voltage (V)	220	

■ Product size (unit: mm)

H2T1530BE36、H2T1530BE46（Contracting brake） 单位：mm



H2T1530BS36、H2T1530BS46（Non-contracting brake） 单位：mm



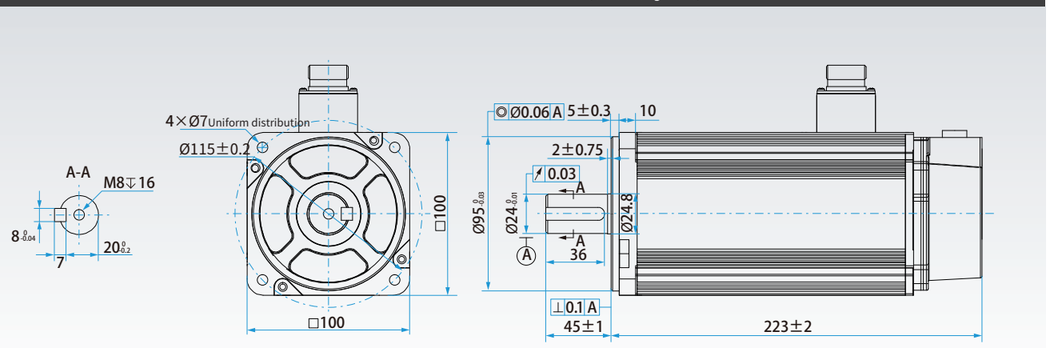
Motor specifications (3000rpm model)

■ 1500W (100 stand /380V model)

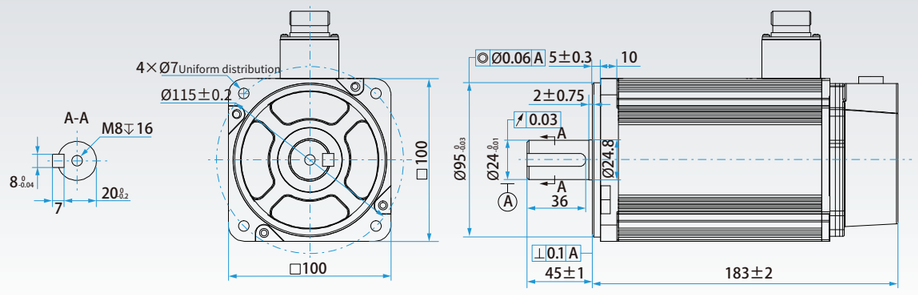
ITEM（LCMK1-XXXXXXXXXX）	H4T1530BE36、H4T1530BE46（Contracting brake）	H4T1530BS36、H4T1530BS46（Non-contracting brake）
Rated power (W)	1500	
Rated current (A)	5	
Maximum current (A)	15	
Rated torque (N·m)	4.9	
Maximum torque (N·m)	14.7	
Rotor inertia (10^{-4}.kg·m^2)	2.94	2.46
Rated speed (rpm)	3000	
Maximum speed (rpm)	5000	
Rated voltage (V)	380	

■ Product size (unit: mm)

H4T1530BE36、H4T1530BE46（Contracting brake） 单位：mm



H4T1530BS36、H4T1530BS46（Non-contracting brake） 单位：mm

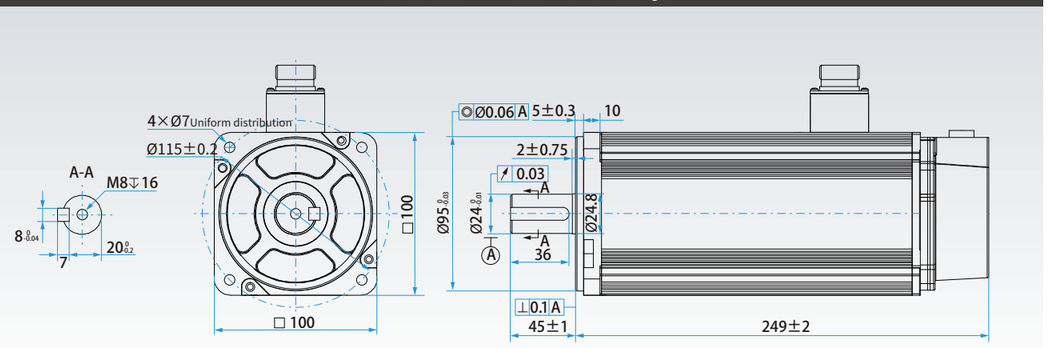


■ 2000W（100 stand）

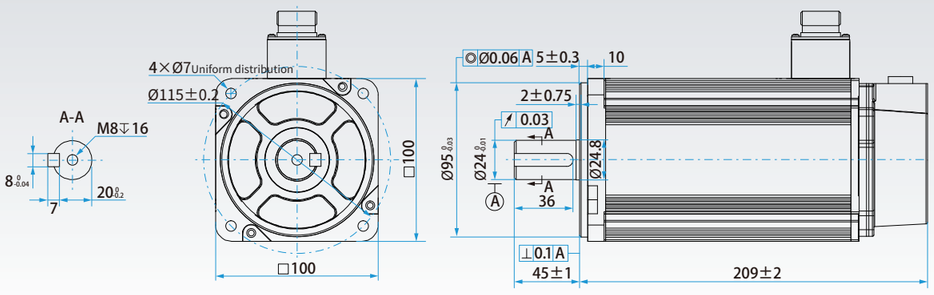
ITEM（LCMK1-XXXXXXXXXX）	H4T2030BE36、H4T2030BE46（Contracting brake）	H4T2030BS36、H4T2030BS46（Non-contracting brake）
Rated power (W)	2000	
Rated current (A)	6.5	
Maximum current (A)	19.5	
Rated torque (N·m)	6.36	
Maximum torque (N·m)	19.1	
Rotor inertia (10^{-4}.kg·m^2)	3.55	3.07
Rated speed (rpm)	3000	
Maximum speed (rpm)	5000	
Rated voltage (V)	380	

■ Product size (unit: mm)

H4T2030BE36、H4T2030BE46（Contracting brake） 单位：mm



H4T2030BS36、H4T2030BS46（Non-contracting brake） 单位：mm



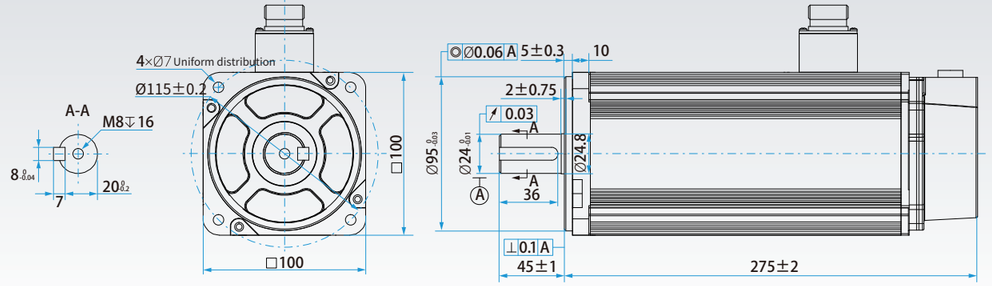
Motor specifications (3000rpm model)

■ 2500W（100 stand）

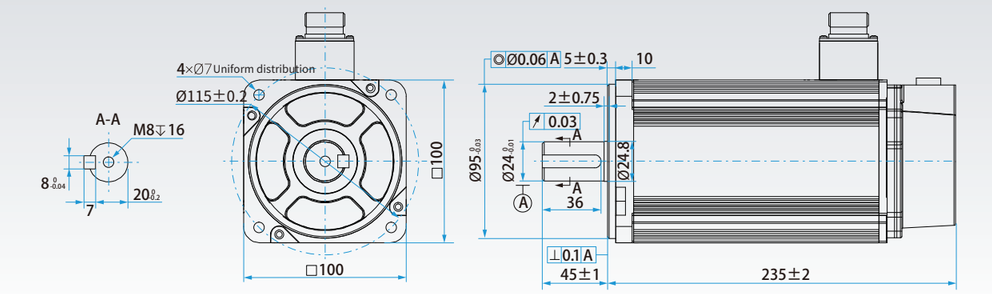
ITEM（LCMK1-XXXXXXXXXX）	H4T2530BE36、H4T2530BE46（Contracting brake）	H4T2530BS36、H4T2530BS46（Non-contracting brake）
Rated power (W)	2500	
Rated current (A)	7.8	
Maximum current (A)	23.4	
Rated torque (N·m)	7.96	
Maximum torque (N·m)	23.9	
Rotor inertia (10^{-4}.kg·m^2)	4.16	3.68
Rated speed (rpm)	3000	
Maximum speed (rpm)	5000	
Rated voltage (V)	380	

■ Product size (unit: mm)

H4T2530BE36、H4T2530BE46（Contracting brake） 单位：mm



H4T2530BS36、H4T2530BS46（Non-contracting brake） 单位：mm

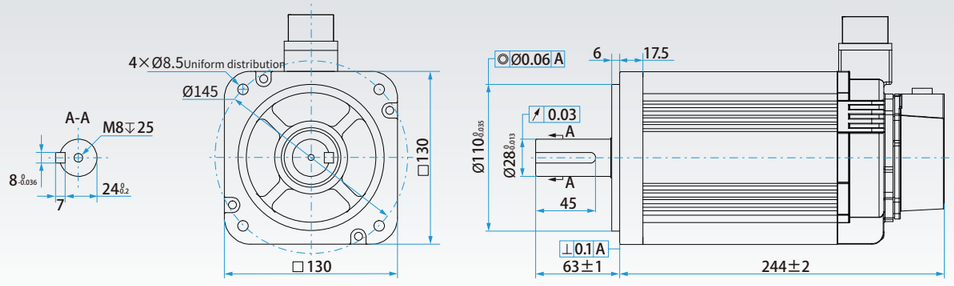


■ 3000W（130 stand）

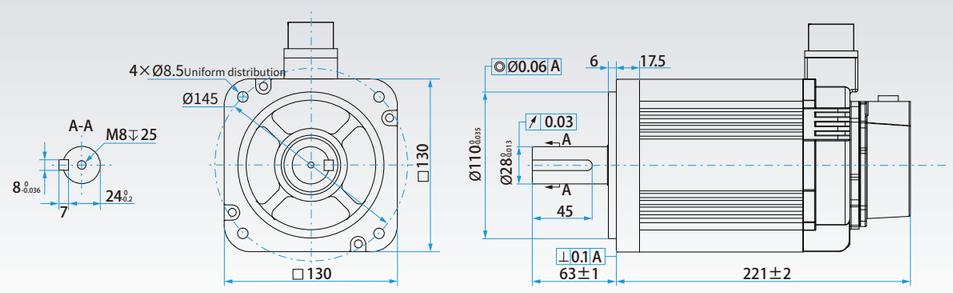
ITEM（LCMK1-XXXXXXXXXX）	H4T3030BE36、H4T3030BE46（Contracting brake）	H4T3030BS36、H4T3030BS46（Non-contracting brake）
Rated power (W)	3000	
Rated current (A)	9	
Maximum current (A)	27	
Rated torque (N·m)	9.6	
Maximum torque (N·m)	28.8	
Rotor inertia (10^{-4}.kg·m^2)	8.83	6.93
Rated speed (rpm)	3000	
Maximum speed (rpm)	5000	
Rated voltage (V)	380	

■ Product size (unit: mm)

H4T3030BE36、H4T3030BE46（Contracting brake） 单位：mm



H4T3030BS36、H4T3030BS46（Non-contracting brake） 单位：mm



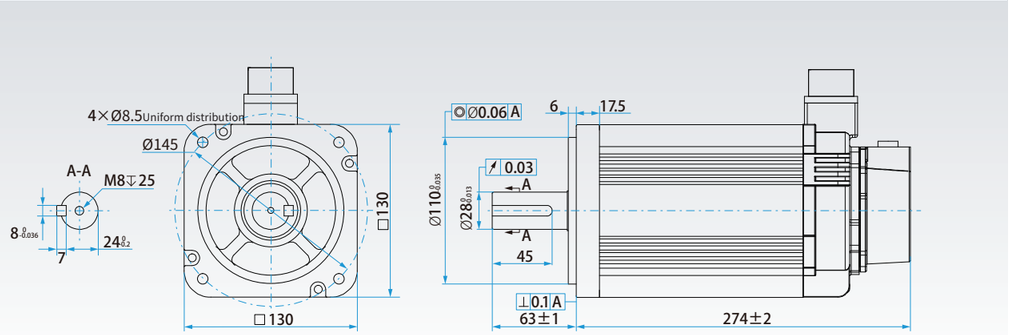
Motor specifications (3000rpm model)

■ 4000W（130 stand）

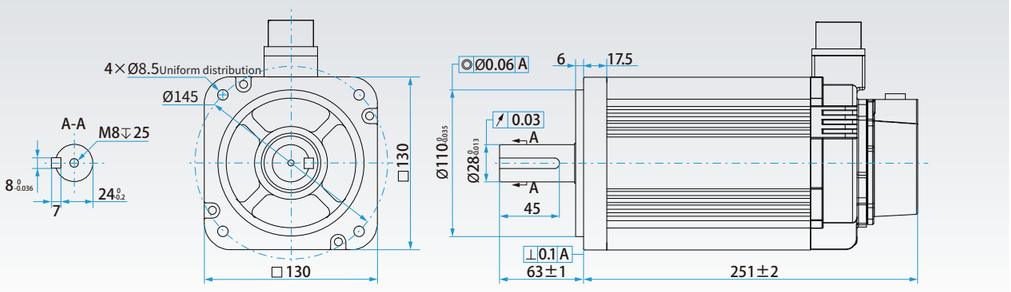
ITEM（LCMK1-XXXXXXXXXX）	H4T4030BE36、H4T4030BE46（Contracting brake）	H4T4030BS36、H4T4030BS46（Non-contracting brake）
Rated power (W)	4000	
Rated current (A)	12	
Maximum current (A)	36	
Rated torque (N·m)	12.7	
Maximum torque (N·m)	38.1	
Rotor inertia (10^{-4}.kg·m^2)	10.86	8.96
Rated speed (rpm)	3000	
Maximum speed (rpm)	5000	
Rated voltage (V)	380	

■ Product size (unit: mm)

H4T4030BE36、H4T4030BE46（Contracting brake） 单位：mm



H4T4030BS36、H4T4030BS46（Non-contracting brake） 单位：mm

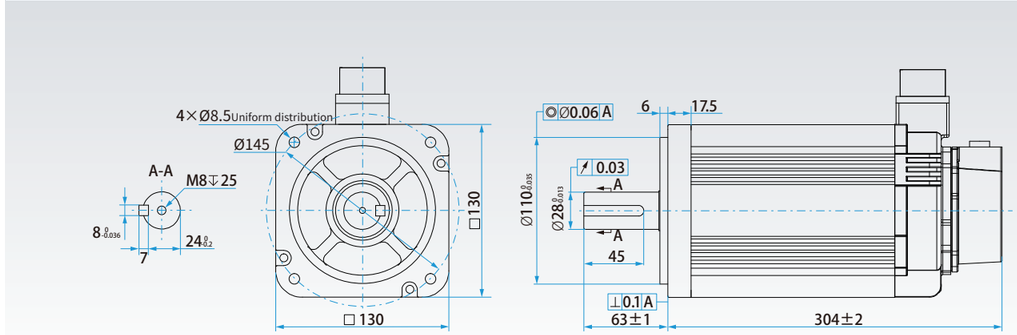


■ 5000W（130 stand）

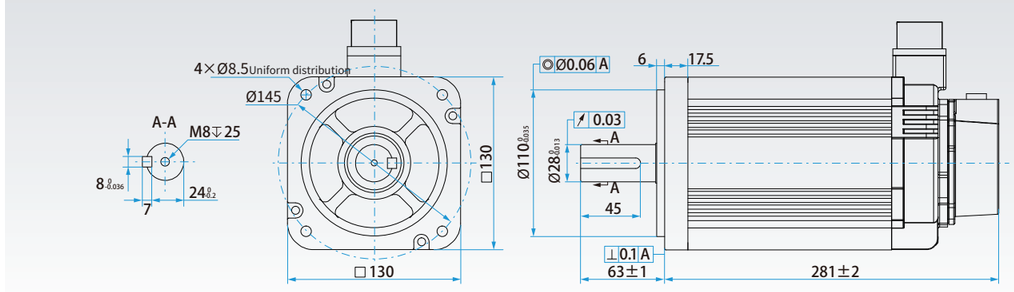
ITEM（LCMK1-XXXXXXXXXX）	H4T5030BE36、H4T5030BE46（Contracting brake）	H4T5030BS36、H4T5030BS46（Non-contracting brake）
Rated power (W)	5000	
Rated current (A)	14.7	
Maximum current (A)	44.1	
Rated torque (N·m)	15.9	
Maximum torque (N·m)	47.7	
Rotor inertia (10^{-4}.kg·m^2)	12.9	11.0
Rated speed (rpm)	3000	
Maximum speed (rpm)	5000	
Rated voltage (V)	380	

■ Product size (unit: mm)

H4T5030BE36、H4T5030BE46（Contracting brake） 单位：mm



H4T5030BS36、H4T5030BS46（Non-contracting brake） 单位：mm



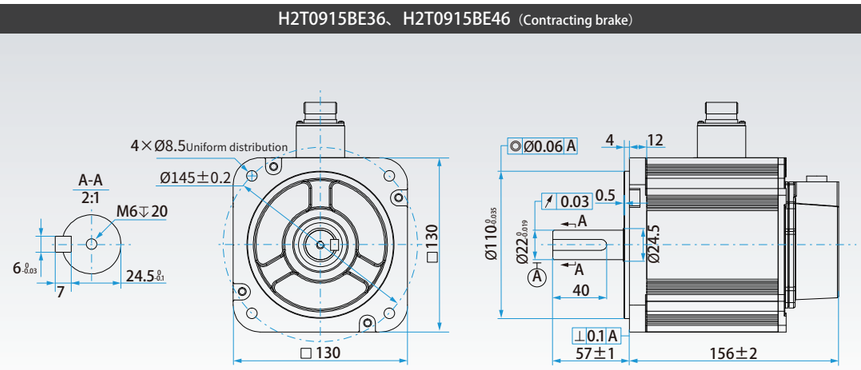
Motor specifications (1500rpm model)

■ 850W (130 stand /220V model)

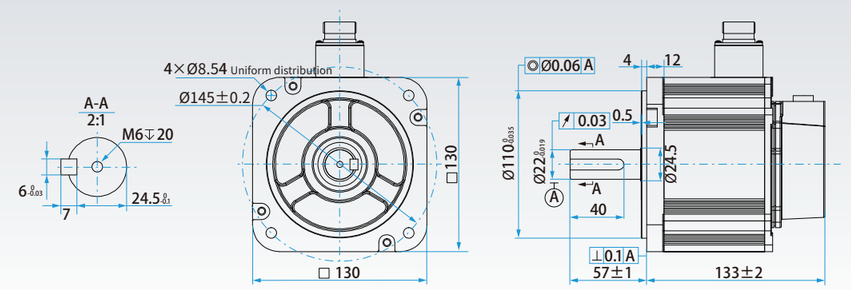
ITEM（LCMK1-XXXXXXXXXX）	H2T0915BE36、H2T0915BE46（Contracting brake）	H2T0915BS36、H2T0915BS46（Non-contracting brake）
Rated power (W)	850	
Rated current (A)	6.60	
Maximum current (A)	16.50	
Rated torque (N·m)	5.4	
Maximum torque (N·m)	13.5	
Rotor inertia (10^{-4}.kg·m^2)	13.5	11.6
Rated speed (rpm)	1500	
Maximum speed (rpm)	3000	
Rated voltage (V)	220	

■ Product size (unit: mm)

H2T0915BE36、H2T0915BE46（Contracting brake） 单位：mm



H2T0915BS36、H2T0915BS46（Non-contracting brake） 单位：mm

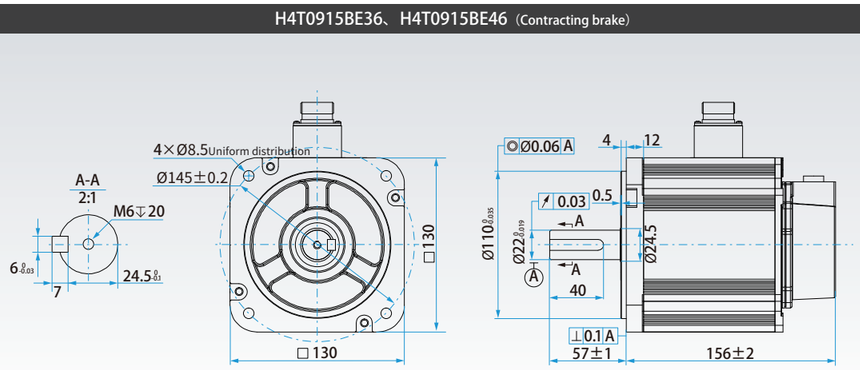


■ 850W (130 stand /380V model)

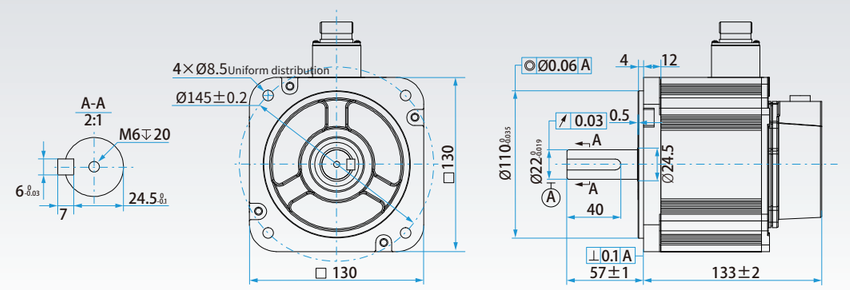
ITEM（LCMK1-XXXXXXXXXX）	H4T0915BE36、H4T0915BE46（Contracting brake）	H4T0915BS36、H4T0915BS46（Non-contracting brake）
Rated power (W)	850	
Rated current (A)	3.5	
Maximum current (A)	10.5	
Rated torque (N·m)	5.4	
Maximum torque (N·m)	16.2	
Rotor inertia (10^{-4}.kg·m^2)	13.5	11.6
Rated speed (rpm)	1500	
Maximum speed (rpm)	3000	
Rated voltage (V)	380	

■ Product size (unit: mm)

H4T0915BE36、H4T0915BE46（Contracting brake） 单位：mm



H4T0915BS36、H4T0915BS46（Non-contracting brake） 单位：mm



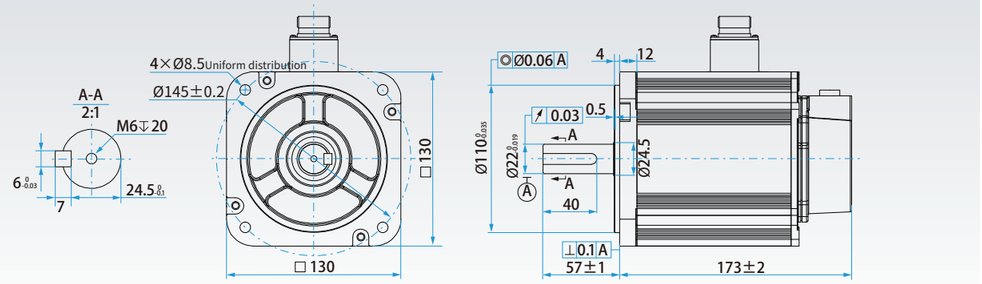
Motor specifications (1500rpm model)

■ 1300W (130 stand /220V model)

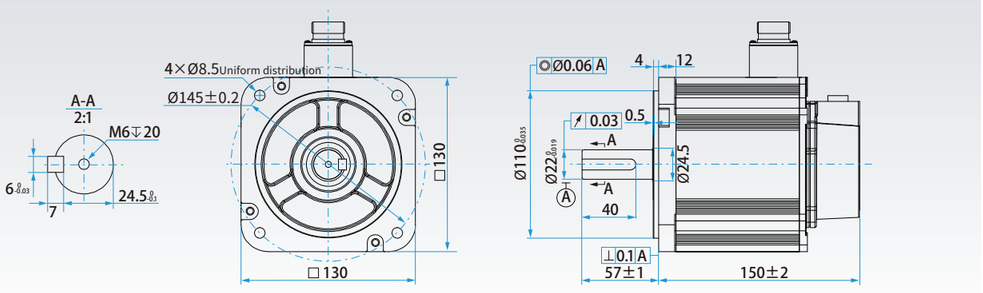
ITEM（LCMK1-XXXXXXXXXX）	H2T1315BE36、H2T1315BE46（Contracting brake）	H2T1315BS36、H2T1315BS46（Non-contracting brake）
Rated power (W)	1300	
Rated current (A)	10	
Maximum current (A)	25	
Rated torque (N·m)	8.34	
Maximum torque (N·m)	20.85	
Rotor inertia (10^{-4}.kg·m^2)	19.2	17.3
Rated speed (rpm)	1500	
Maximum speed (rpm)	3000	
Rated voltage (V)	220	

■ Product size (unit: mm)

H2T1315BE36、H2T1315BE46（Contracting brake） 单位：mm



H2T1315BS36、H2T1315BS46（Non-contracting brake） 单位：mm

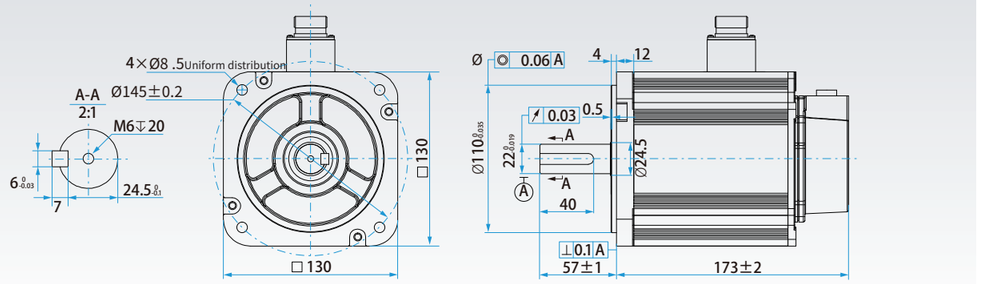


■ 1300W (130 stand /380V model)

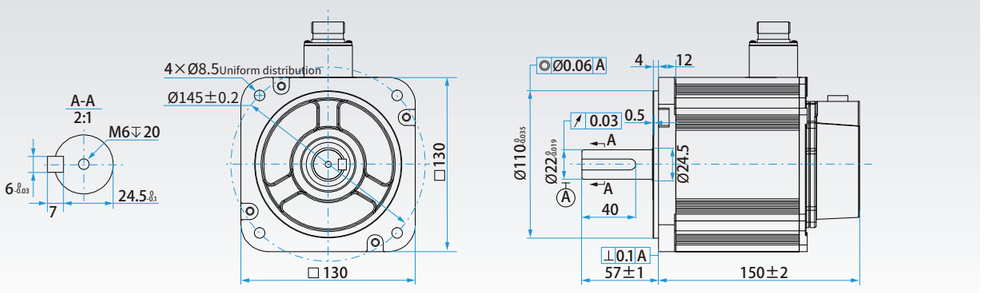
ITEM（LCMK1-XXXXXXXXXX）	H4T1315BE36、H4T1315BE46（Contracting brake）	H4T1315BS36、H4T1315BS46（Non-contracting brake）
Rated power (W)	1300	
Rated current (A)	5.2	
Maximum current (A)	15.6	
Rated torque (N·m)	8.34	
Maximum torque (N·m)	25.1	
Rotor inertia (10^{-4}.kg·m^2)	19.2	17.3
Rated speed (rpm)	1500	
Maximum speed (rpm)	3000	
Rated voltage (V)	380	

■ Product size (unit: mm)

H4T1315BE36、H4T1315BE46（Contracting brake） 单位：mm



H4T1315BS36、H4T1315BS46（Non-contracting brake） 单位：mm



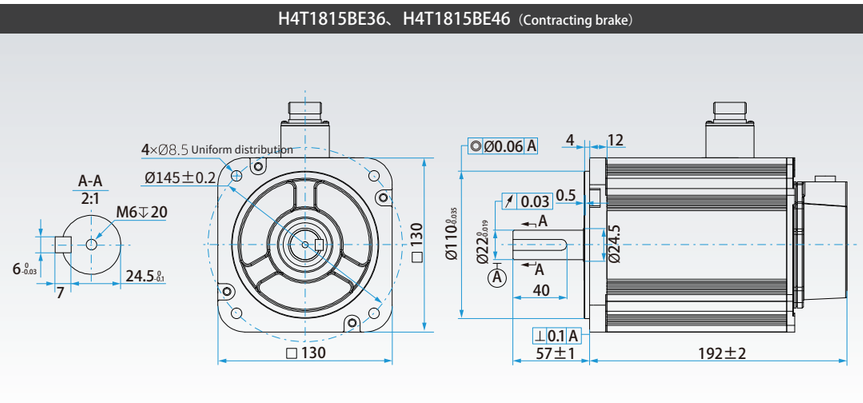
Motor specifications (1500rpm model)

■ 1800W (130 stand)

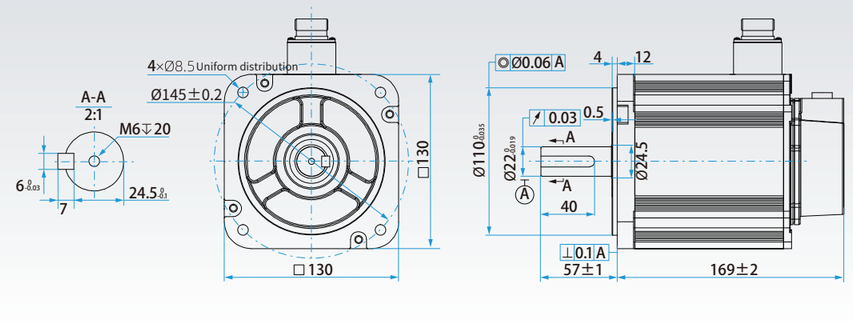
ITEM（LCMK1-XXXXXXXXXX）	H4T1815BE36、H4T1815BE46（Contracting brake）	H4T1815BS36、H4T1815BS46（Non-contracting brake）
Rated power (W)	1800	
Rated current (A)	6.8	
Maximum current (A)	20.4	
Rated torque (N·m)	11.5	
Maximum torque (N·m)	34.5	
Rotor inertia (10^{-4}.kg·m^2)	25.6	23.7
Rated speed (rpm)	1500	
Maximum speed (rpm)	3000	
Rated voltage (V)	380	

■ Product size (unit: mm)

H4T1815BE36、H4T1815BE46（Contracting brake） 单位：mm



H4T1815BS36、H4T1815BS46（Non-contracting brake） 单位：mm

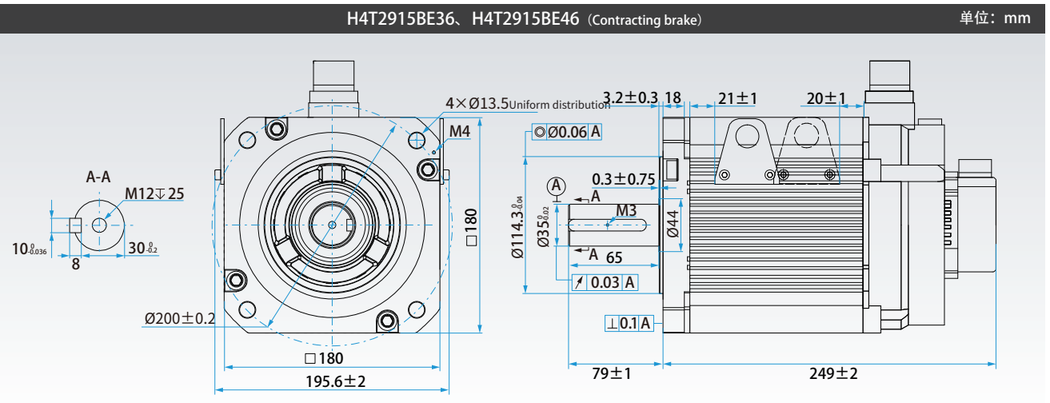


■ 2900W（180 stand）

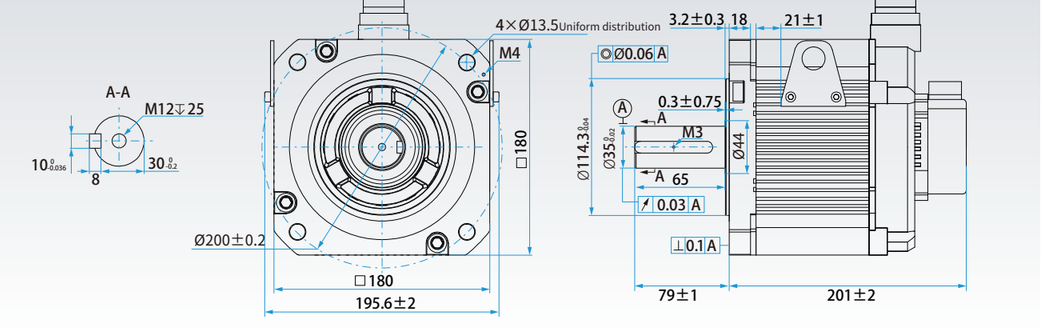
ITEM（LCMK1-XXXXXXXXXX）	H4T2915BE36、H4T2915BE46（Contracting brake）	H4T2915BS36、H4T2915BS46（Non-contracting brake）
Rated power (W)	2900	
Rated current (A)	11.8	
Maximum current (A)	35.4	
Rated torque (N·m)	18.6	
Maximum torque (N·m)	55.8	
Rotor inertia (10^{-4}.kg·m^2)	65.3	56.8
Rated speed (rpm)	1500	
Maximum speed (rpm)	3000	
Rated voltage (V)	380	

■ Product size (unit: mm)

H4T2915BE36、H4T2915BE46（Contracting brake） 单位：mm



H4T2915BS36、H4T2915BS46（Non-contracting brake） 单位：mm



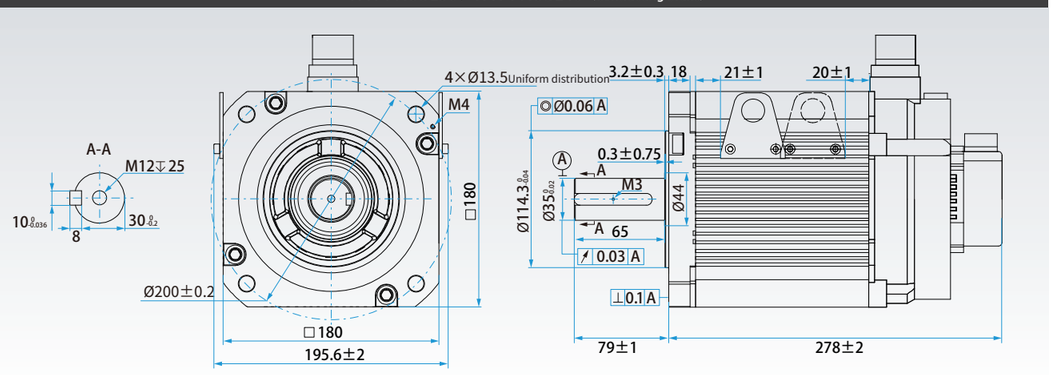
Motor specifications (1500rpm model)

■ 4400W (180 stand)

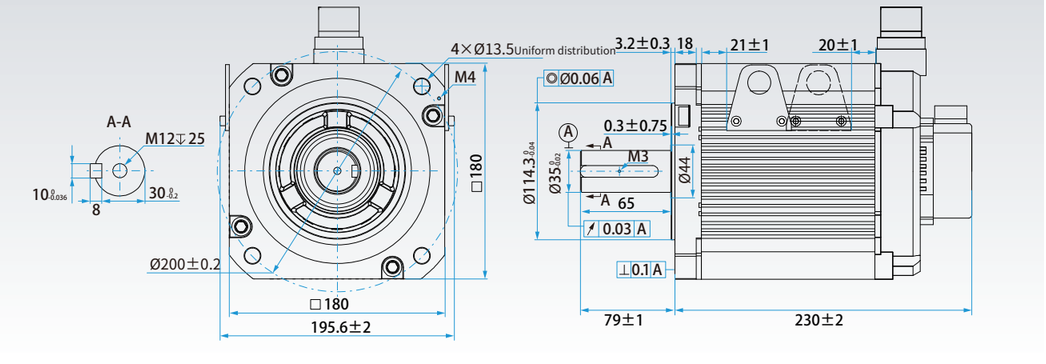
ITEM（LCMK1-XXXXXXXXXX）	H4T4415BE36、H4T4415BE46（Contracting brake）	H4T4415BS36、H4T4415BS46（Non-contracting brake）
Rated power (W)	4400	
Rated current (A)	15.7	
Maximum current (A)	47.1	
Rated torque (N·m)	28.4	
Maximum torque (N·m)	85	
Rotor inertia (10^{-4}.kg·m^2)	86	78.2
Rated speed (rpm)	1500	
Maximum speed (rpm)	3000	
Rated voltage (V)	380	

■ Product size (unit: mm)

H4T4415BE36、H4T4415BE46（Contracting brake） 单位：mm



H4T4415BS36、H4T4415BS46（Non-contracting brake） 单位：mm

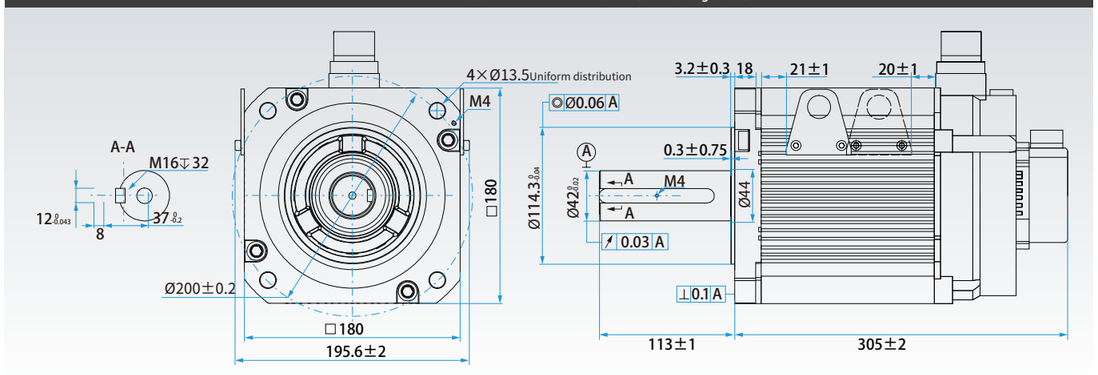


■ 5500W（180 stand）

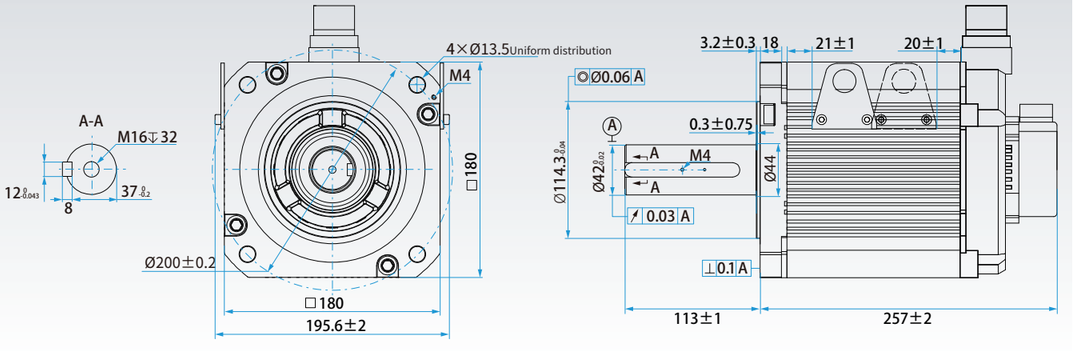
ITEM（LCMK1-XXXXXXXXXX）	H4T5515BE36、H4T5515BE46（Contracting brake）	H4T5515BS36、H4T5515BS46（Non-contracting brake）
Rated power (W)	5500	
Rated current (A)	20.6	
Maximum current (A)	51.5	
Rated torque (N·m)	35	
Maximum torque (N·m)	87.5	
Rotor inertia (10^{-4}.kg·m^2)	118	109
Rated speed (rpm)	1500	
Maximum speed (rpm)	3000	
Rated voltage (V)	380	

■ Product size (unit: mm)

H4T5515BE36、H4T5515BE46（Contracting brake） 单位：mm



H4T5515BS36、H4T5515BS46（Non-contracting brake） 单位：mm



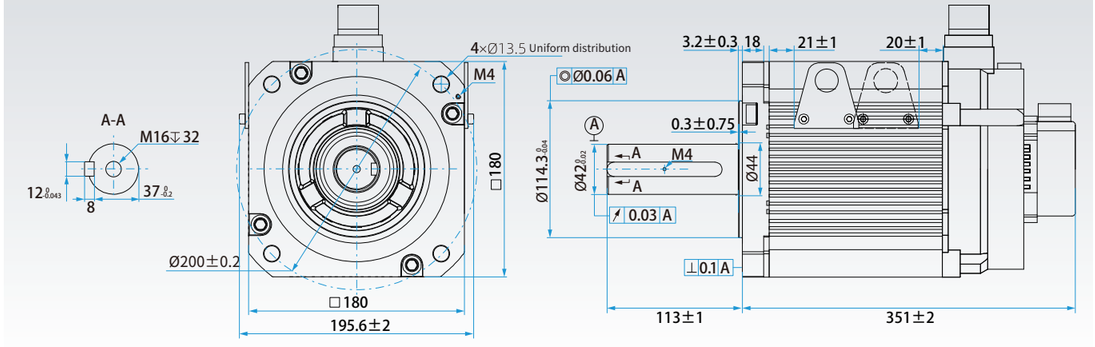
Motor specifications (1500rpm model)

■ 7500W (180 stand)

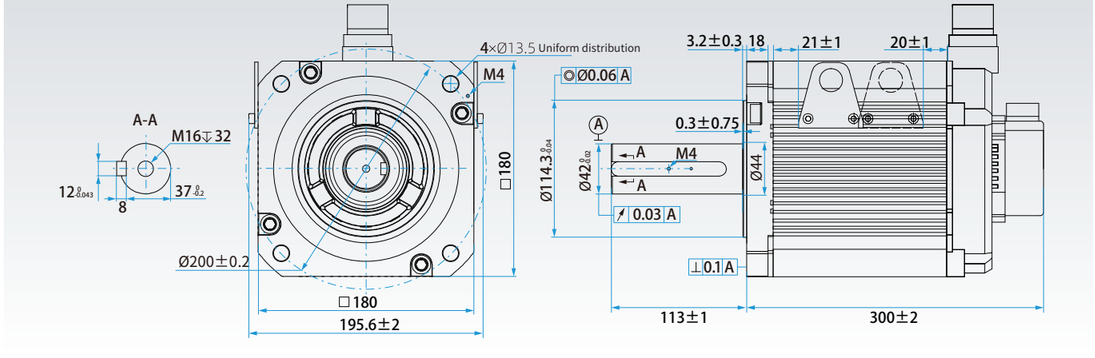
ITEM（LCMK1-XXXXXXXXXX）	H4T7515BE36、H4T7515BE46（Contracting brake）	H4T7515BS36、H4T7515BS46（Non-contracting brake）
Rated power (W)	7500	
Rated current (A)	25.7	
Maximum current (A)	64.5	
Rated torque (N·m)	48	
Maximum torque (N·m)	119	
Rotor inertia (10^{-4}.kg·m^2)	140	130
Rated speed (rpm)	1500	
Maximum speed (rpm)	3000	
Rated voltage (V)	380	

■ Product size (unit: mm)

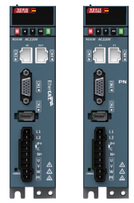
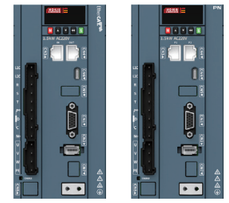
H4T7515BE36、H4T7515BE46（Contracting brake） 单位：mm

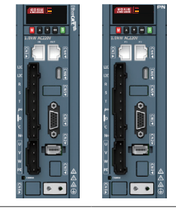
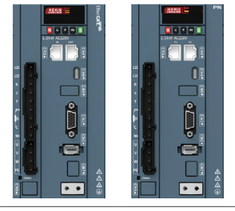
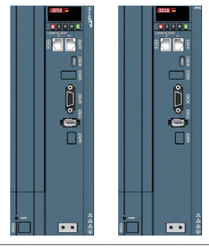


H4T7515BS36、H4T7515BS46（Non-contracting brake） 单位：mm



Driver & motor matching relationship

Driver type LC760N/P-	SIZE A		SIZE B	SIZE C	SIZE D
					
	monophase 220V		monophase 220V	monophase/ Three phase 220V	monophase/ Three phase 220V
	2T1R6	2T2R8	2T5R5	2T7R6	2T012
Motor type LCMK1-	100W	400W	750W	850W	1.3kW
	H2T0130BN36 H2T0130BN46 H2T0130BC36 H2T0130BC46	H2T0430BS36 H2T0430BS46 H2T0430BE36 H2T0430BE46	H2T0830BS36 H2T0830BS46 H2T0830BE36 H2T0830BE46	H2T0915BE36 H2T0915BE46 H2T0915BS36 H2T0915BS46	H2T1315BE36 H2T1315BE46 H2T1315BS36 H2T1315BS46
	200W			1kW	1.5kW
	H2T0230BS36 H2T0230BS46 H2T0230BE36 H2T0230BE46			H2T1030BE36 H2T1030BE46 H2T1030BS36 H2T1030BS46	H2T1530BE36 H2T1530BE46 H2T1530BS36 H2T1530BS46

Driver type LC760N/P-	SIZE C		SIZE D		SIZE E		
							
	Three phase 380V		Three phase 380V		Three phase 380V		
	4T3R5	4T5R4	4T8R4	4T012	4T017	4T021	4T026
Motor type LCMK1-	850W	1.0kW	1.8kW	2.9kW	4.0kW	5.5kW	7.5kW
	H4T0915BE36 H4T0915BE46 H4T0915BS36 H4T0915BS46	H4T1030BE36 H4T1030BE46 H4T1030BS36 H4T1030BS46	H4T1815BE36 H4T1815BE46 H4T1815BS36 H4T1815BS46	H4T2915BE36 H4T2915BE46 H4T2915BS36 H4T2915BS46	H4T4030BE36 H4T4030BE46 H4T4030BS36 H4T4030BS46	H4T5515BE36 H4T5515BE46 H4T5515BS36 H4T5515BS46	H4T7515BE36 H4T7515BE46 H4T7515BS36 H4T7515BS46
		1.3kW	2.0kW	3.0kW	4.4kW		
		H4T1315BE36 H4T1315BE46 H4T1315BS36 H4T1315BS46	H4T2030BE36 H4T2030BE46 H4T2030BS36 H4T2030BS46	H4T3030BE36 H4T3030BE46 H4T3030BS36 H4T3030BS46	H4T4415BE36 H4T4415BE46 H4T4415BS36 H4T4415BS46		
		1.5kW	2.5kW		5.0kW		
		H4T1530BE36 H4T1530BE46 H4T1530BS36 H4T1530BS46	H4T2530BE36 H4T2530BE46 H4T2530BS36 H4T2530BS46		H4T5030BE36 H4T5030BE46 H4T5030BS36 H4T5030BS46		

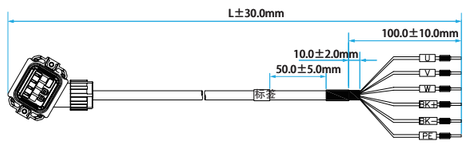
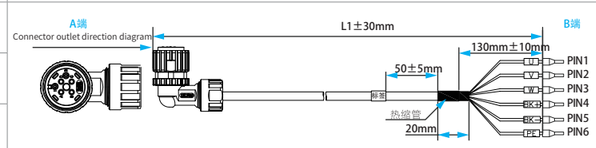
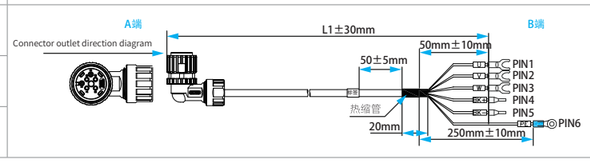
Motor & cable matching relationship

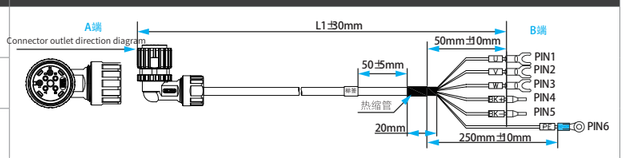
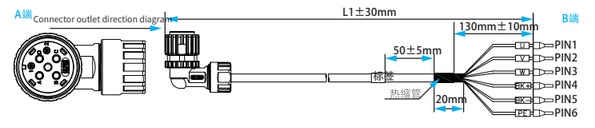
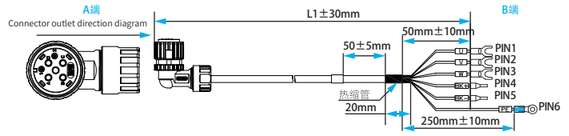
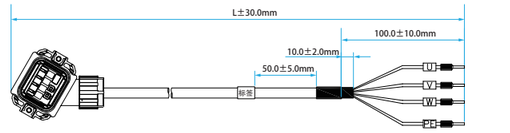
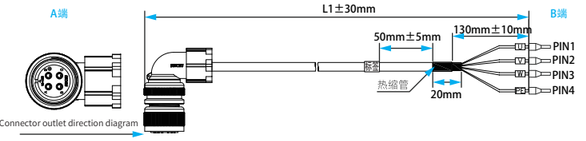
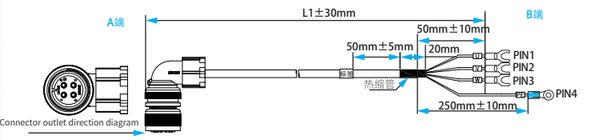
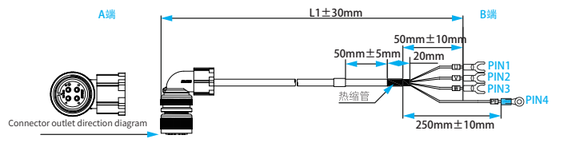
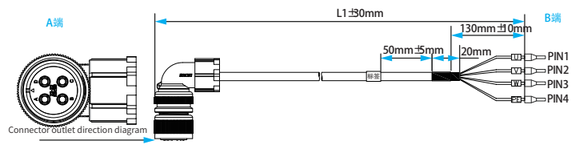
Motor frame number	Motor power	Motor type LCMK1-	23bit absolute optical knitting		brake	Oil seal	Shaft diameter	Motor fitting accessories	
			One lap	loopy				Power line type	Encoder cable type
3000rpm									
40	100W (220V)	H2T0130BN36	●				Ø8	①	⑮
		H2T0130BN46		●				①	⑮
		H2T0130BC36	●		●			①	⑮
		H2T0130BC46		●	●			①	⑮
60	200W (220V)	H2T0230BS36	●			●	Ø14	⑦	⑬
		H2T0230BS46		●		●		⑦	⑮
		H2T0230BE36	●		●	●		①	⑬
		H2T0230BE46		●	●	●		①	⑮
	400W (220V)	H2T0430BS36	●			●		⑦	⑬
		H2T0430BS46		●		●		⑦	⑮
		H2T0430BE36	●		●	●		①	⑬
		H2T0430BE46		●	●	●		①	⑮
80	750W (220V)	H2T0830BS36	●			●	Ø19	⑦	⑬
		H2T0830BS46		●		●		⑦	⑮
		H2T0830BE36	●		●	●		①	⑬
		H2T0830BE46		●	●	●		①	⑮
100	1kW (220V)	H2T1030BS36	●			●	Ø24	⑧	⑭
		H2T1030BS46		●		●		⑧	⑯
		H2T1030BE36	●		●	●		②	⑭
		H2T1030BE46		●	●	●		②	⑯
100	1kW (380V)	H4T1030BS36	●			●		⑧	⑭
		H4T1030BS46		●		●		⑧	⑯
		H4T1030BE36	●		●	●		②	⑭
		H4T1030BE46		●	●	●		②	⑯
100	1.5kW (220V)	H2T1530BS36	●			●		⑧	⑭
		H2T1530BS46		●		●		⑧	⑯
		H2T1530BE36	●		●	●		②	⑭
		H2T1530BE46		●	●	●		②	⑯
100	1.5kW (380V)	H4T1530BS36	●			●		⑧	⑭
		H4T1530BS46		●		●		⑧	⑯
		H4T1530BE36	●		●	●		②	⑭
		H4T1530BE46		●	●	●		②	⑯
100	2.0kW (380V)	H4T2030BS36	●			●		⑧	⑭
		H4T2030BS46		●		●		⑧	⑯
		H4T2030BE36	●		●	●		②	⑭
		H4T2030BE46		●	●	●		②	⑯
100	2.5kW (380V)	H4T2530BS36	●			●	Ø24	⑧	⑭
		H4T2530BS46		●		●		⑧	⑯
		H4T2530BE36	●		●	●		②	⑭
		H4T2530BE46		●	●	●		②	⑯
130	3.0kW (380V)	H4T3030BS36	●			●	Ø28	⑧	⑭
		H4T3030BS46		●		●		⑧	⑯
		H4T3030BE36	●		●	●		②	⑭
		H4T3030BE46		●	●	●		②	⑯
130	4.0kW (380V)	H4T4030BS36	●			●		⑨	⑭
		H4T4030BS46		●		●		⑨	⑯
		H4T4030BE36	●		●	●		③	⑭
		H4T4030BE46		●	●	●		③	⑯
130	5.0kW (380V)	H4T5030BS36	●			●		⑩	⑭
		H4T5030BS46		●		●		⑩	⑯
		H4T5030BE36	●		●	●		④	⑭
		H4T5030BE46		●	●	●		④	⑯
1500rpm									
130	850W (220V)	H2T0915BS36	●			●	Ø22	⑧	⑭
		H2T0915BS46		●		●		⑧	⑯
		H2T0915BE36	●		●	●		②	⑭
		H2T0915BE46		●	●	●		②	⑯
130	850W (380V)	H4T0915BS36	●			●		⑧	⑭
		H4T0915BS46		●		●		⑧	⑯
		H4T0915BE36	●		●	●		②	⑭
		H4T0915BE46		●	●	●		②	⑯
130	1.3kW (220V)	H2T1315BS36	●			●		⑧	⑭
		H2T1315BS46		●		●		⑧	⑯
		H2T1315BE36	●		●	●		②	⑭
		H2T1315BE46		●	●	●		②	⑯
130	1.3kW (380V)	H4T1315BS36	●			●		⑧	⑭
		H4T1315BS46		●		●		⑧	⑯
		H4T1315BE36	●		●	●		②	⑭
		H4T1315BE46		●	●	●		②	⑯
130	1.8kW (380V)	H4T1815BS36	●			●		⑧	⑭
		H4T1815BS46		●		●		⑧	⑯
		H4T1815BE36	●		●	●		②	⑭
		H4T1815BE46		●	●	●		②	⑯

Motor & cable matching relationship

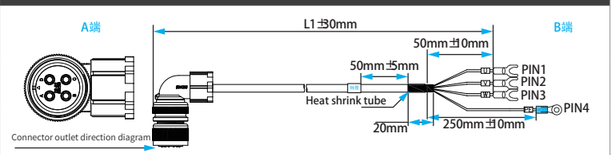
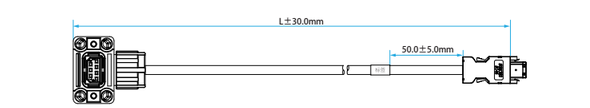
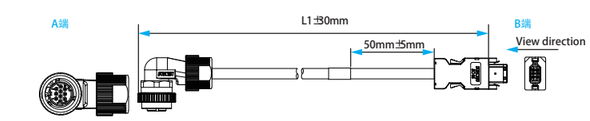
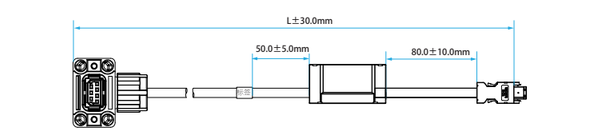
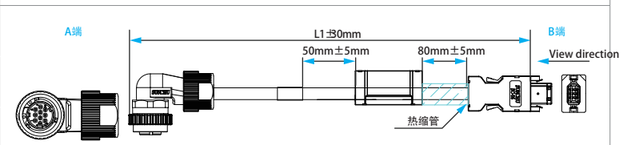
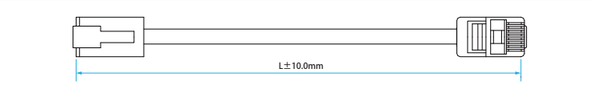
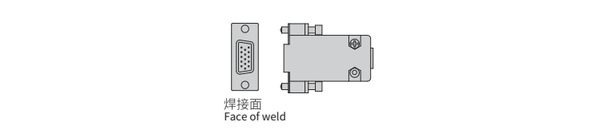
Motor frame number	Motor power	Motor type LCMK1-	23bit absolute optical knitting		brake	Oil seal	Shaft diameter	Motor fitting accessories	
			One lap	loopy				Power line type	Encoder cable type
180	2.9kW (380V)	H4T2915BS36	●			●	Ø35	⑪	⑭
		H4T2915BS46		●		●		⑪	⑯
		H4T2915BE36	●		●	●		⑤	⑭
		H4T2915BE46		●	●	●		⑤	⑯
180	4.4kW (380V)	H4T4415BS36	●			●		⑫	⑭
		H4T4415BS46		●		●		⑫	⑯
		H4T4415BE36	●		●	●		⑥	⑭
		H4T4415BE46		●	●	●		⑥	⑯
180	5.5kW (380V)	H4T5515BS36	●			●		⑫	⑭
		H4T5515BS46		●		●	Ø42	⑫	⑯
		H4T5515BE36	●		●	●		⑥	⑭
		H4T5515BE46		●	●	●		⑥	⑯
180	7.5kW (380V)	H4T7515BS36	●			●		⑫	⑭
		H4T7515BS46		●		●		⑫	⑯
		H4T7515BE36	●		●	●		⑥	⑭
		H4T7515BE46		●	●	●		⑥	⑯

Matching cable

ID	Cable name	Cable model	Cable length	Cable appearance
①	Power line with holding brake	AS7-C-PWB075-3.0	3.0m	
		AS7-C-PWB075-5.0	5.0m	
		AS7-C-PWB075-10.0	10.0m	
②		AS7-C-PWB062-3.0	3.0m	
		AS7-C-PWB062-5.0	5.0m	
		AS7-C-PWB062-10.0	10.0m	
③		AS7-C-PWB152-3.0	3.0m	
		AS7-C-PWB152-5.0	5.0m	
		AS7-C-PWB152-10.0	10.0m	

ID	Cable name	Cable model	Cable length	Cable appearance
④	Power line with holding brake	AS7-C-PWB142-3.0	3.0m	
		AS7-C-PWB142-5.0	5.0m	
		AS7-C-PWB142-10.0	10.0m	
⑤		AS7-C-PWB053-3.0	3.0m	
		AS7-C-PWB053-5.0	5.0m	
		AS7-C-PWB053-10.0	10.0m	
⑥		AS7-C-PWB143-3.0	3.0m	
		AS7-C-PWB143-5.0	5.0m	
		AS7-C-PWB143-10.0	10.0m	
⑦	Power line with holding brake	AS7-C-PWR075-3.0	3.0m	
		AS7-C-PWR075-5.0	5.0m	
		AS7-C-PWR075-10.0	10.0m	
⑧		AS7-C-PWR062-3.0	3.0m	
		AS7-C-PWR062-5.0	5.0m	
		AS7-C-PWR062-10.0	10.0m	
⑨		AS7-C-PWR152-3.0	3.0m	
		AS7-C-PWR152-5.0	5.0m	
		AS7-C-PWR152-10.0	10.0m	
⑩		AS7-C-PWR142-3.0	3.0m	
		AS7-C-PWR142-5.0	5.0m	
		AS7-C-PWR142-10.0	10.0m	
⑪		AS7-C-PWR053-3.0	3.0m	
		AS7-C-PWR053-5.0	5.0m	
		AS7-C-PWR053-10.0	10.0m	

Matching cable

ID	Cable name	Cable model	Cable length	Cable appearance
⑫	Non-lock power line	AS7-C-PWR143-3.0	3.0m	
		AS7-C-PWR143-5.0	5.0m	
		AS7-C-PWR143-10.0	10.0m	
⑬	Single turn encoder cable	LC7-C-ENC075-3.0	3.0m	
		LC7-C-ENC075-5.0	5.0m	
		LC7-C-ENC075-10.0	10.0m	
⑭		LC7-C-ENC072-3.0	3.0m	
		LC7-C-ENC072-5.0	5.0m	
		LC7-C-ENC072-10.0	10.0m	
⑮	Multi-turn encoder cable	AS7-C-ENC075-BAT-3.0	3.0m	
		AS7-C-ENC075-BAT-5.0	5.0m	
		AS7-C-ENC075-BAT-10.0	10.0m	
⑯		AS7-C-ENC072-BAT-3.0	3.0m	
		AS7-C-ENC072-BAT-5.0	5.0m	
		AS7-C-ENC072-BAT-10.0	10.0m	
-	Servo driver 100 Mbit communication cable	LC7-C-NET-0.3	0.3m	
		LC7-C-NET-3	3.0m	
-	Go to serial debugging cable	AS7-C-DBG	-	
-	DB15 terminal fittings	AS7-DB15	-	
-	Battery accessories	AS7-BAT	-	

NOTE