Honeywell | Motor Drive & Control

Catalog

Honeywell HS330/HS310 Series AC Servo Motor and Drive

Simple + Easy + Intelligent + Expandable

Honeywell's HS330/HS310 series AC servo motors and drives elevate your industrial capabilities. Engineered for a diverse array of motion control applications, these robust systems deliver a broad spectrum of power, pinpoint precision, swift responsiveness, and user-friendly operation to empower your business with the efficiency and reliability that Honeywell brings to the forefront of industrial innovation.

Honeywell HS Series Servo Motor and Drive Characteristics

Honeywell's HS330/HS310 series AC servo motors and drives are designed for a wide range of motion control needs. They offer power, precision, quick response, and easy use, reliable and efficient for your industrial upgrades.

Simple in design

- Positioning command resolution up to 4Mpps (input and output pulses)
- Positioning in as little as 1ms with 3KHz current loop bandwidth
- 1%* of rated torque for torque control resolution
- Totally enclosed and natural cooling, IP67 (rotating part of axis and the front part of conductor excl.)

Easy to use

- Easy installation
- Clear wiring
- Online auto gain regulation
- Online control mode switching
- Online reading load parameters

Intelligent in features

- Rapid switching between two gains
- End vibration suppression
- Built-in control for 31 segment positions
- On-line adaptive notch filter against resonance
- 8✕Input and 4✕output available for customization
- Highly accurate and responsive set-length operation
- Built-in control of electronic cams, full closed loop and gantry synchronization

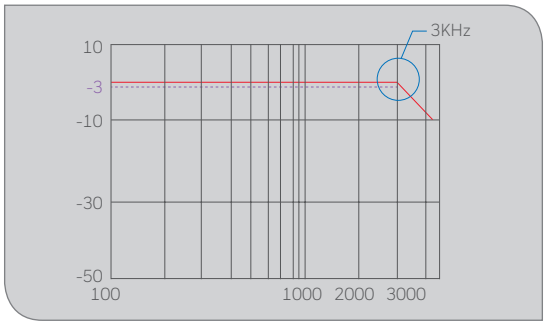
Expandable for versatility

- CANopen, Profinet, EtherCAT, and MECHATROLINK for option
- Integrated 485 communication for parameter management, monitoring, and oscilloscope with the dedicated PC software
- DD Motor and external scale connection allowed

Honeywell HS Series Servo Motor and Drive Characteristics

3KHz ASR bandwidth

The unique current loop algorithm effectively improves the bandwidth of the speed loop and greatly reduces the tuning time as fast as in 1ms, thus improving the production efficiency.

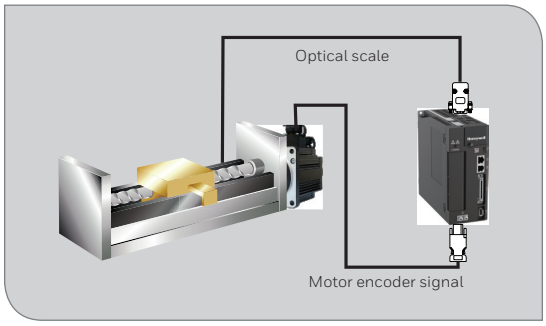


Various bus communication

All series are equipped with RS-485 as standard, and EtherCAT, CANopen, MECHATROLINK II, MECHATROLINK III, Profinet and more mainstream buses are optional.

Full closed-loop control

All series are equipped with full closed-loop function as standard, supporting external second encoder or scale to reduce the error caused by mechanical transmission gap, improving positioning accuracy.

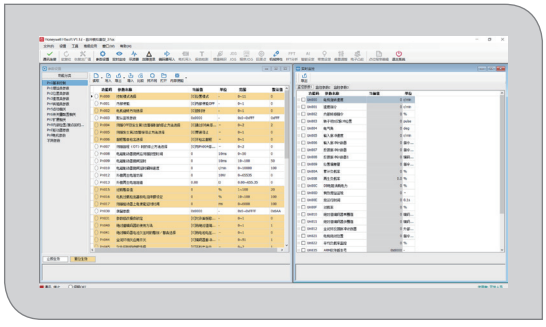


Intelligent setting

With the auto gain regulation and leading guide, the servo gain setting can be completed by sequential setting quickly. Various regulation modes are available according to different mechanical structures and process characteristics for maximum performance.

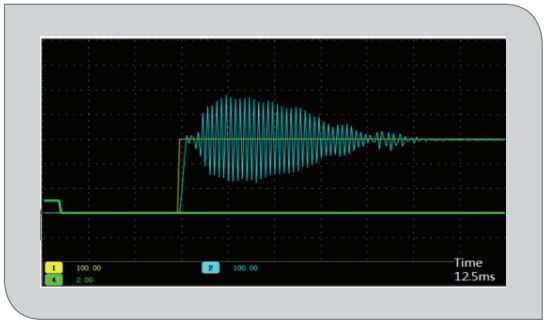
Powerful computer software

It supports batch parameter reading and writing, inertia recognition, fault monitoring, online oscilloscope, mechanical characteristic analysis, intelligent setting and more.



Auto notch filter setting

No need for complex oscillation frequency measurement and analysis. Quickly search for and automatically set the notch filters during parameter tuning through the single parameter adjustment with the upper computer within 70ms, and it can significantly reduces noise and oscillation caused by mechanical resonance of the equipment, resulting in faster response to movements.



HS330 Servo Drive Naming Rules

Servo drive

Model HS330 - 0055 - 2S - □□□

- HS330: High-performance servo drive series
- 0055: Current:
  0018: 1.8A
  0055: 5.5A
  0600: 60A
- 2S: Voltage:
  2S: Single-phase 220V
  2T: Three-phase 220V
  2S/T: Single-/Three-phase 220V
  4T: Three-phase 380V
- □□□: Communication:
  Empty: Pulse
  S: Standard
  F: I/O expansion
  CAN: CANopen
  ECT: EtherCAT
  PN: Profinet
  ML2: MECHATROLINK II
  ML3: MECHATROLINK III

220V | 1.1~16A | 100W~4.4kW | Fast response | Closed loop | High load-inertia ratio

Auto-tuning | Built-in motion control

380V | 2.5~520A | 1kW~200kW | Anti oscillation | Various bus communication

Powerful computer software

Code	Model	Pulse Input	16bit AI	Closed loop	RS485	CANopen	EtherCAT	MECHATRO LINK II	MECHATRO LINK III	PROFINET
None	Pulse	√	○	√	√	x	x	x	x	x
S	Standard	√	√	√	√	√	x	x	x	x
CAN	CANopen	√	○	√	√	√	x	x	x	x
ECT	EtherCAT	x	x	△	√	x	√	x	x	x
ML2	MECHATRO LINK II	x	x	△	√	x	x	√	x	x
ML3	MECHATRO LINK III	x	x	△	√	x	x	x	√	x
PN	Profinet	x	x	△	√	x	x	x	x	√

○ : Support, √ : Standard, △ : Optional, x: Not support.

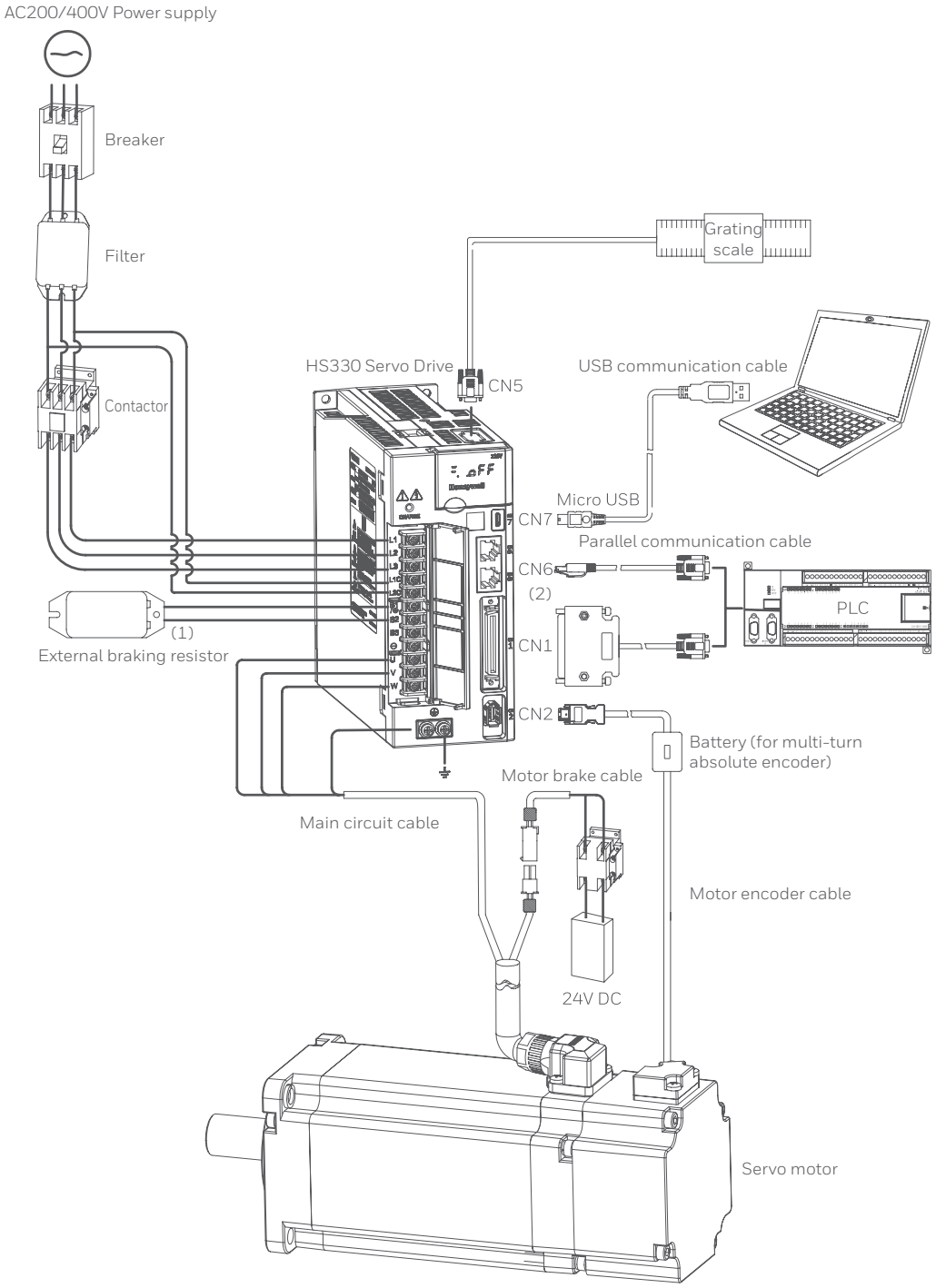
HS330 Servo Drive General Parameters

Item			Specification
Control mode			IGBT and PWM for sinusoidal current control
Feedback	Motor speed		Serial encoder: 17-bit/23-bit multi-turn absolute encoder
Environmental condition	Working temperature		Derating allowed
	Storage temperature		–20°C~85°C
	Working humidity		< 95% RH (No freezing and condensation)
	Storage humidity		< 95% RH (No freezing and condensation)
	Vibration		4.9m/s²
	Impact resistance		19.6m/s^2
	Protection		IP20
	Cleanliness		No corrosive gas, flammable gas,
			No water/oil/agent splash
			Less dust,salt and metal powder
	Altitude		<1000m(derate to use between 1000m~2000m)
	Others		No electrostatic interference, strong electric field, strong magnetic sound, radiation, etc.
Standards			EN 61800-5-1:2007; EN 61800-3:2004/A1:201
Installation method			Base-mounting for all models
Performance	Speed control range		1:6000 (the lower limit of speed control range is the value at which the drive will keep operation at rated torque load)
	Speed fluctuation rate	Load fluctuation	<±0.01% of rated speed (load fluctuation: 0%~100%)
		Voltage fluctuation	0% of rated speed (±10% of rated voltage)
		Temperature fluctuation	<±0.1% of rated speed(temp. fluctuation: 25±25°C)
	Torque control accuracy		±1%
Soft startup time			0s~30s (acceleration and deceleration time can be set respectively)
Communication	Upper communication	Communication	RS485, CANOpen,EtherCAT, MECHATROLINK–II, and MECHATROLINK–III PROFINET
		Axis address	Set by parameters
	USB communication	Device	Computer
			USB1.1 (12M)
Display			CHARGE indicator
Panel functions			Button×4
I/O signal	Encoder frequency dividing pulse		A,B,C phase: Linear frequency dividing pulse number can be set as needed
	Sequence input signal	Assignable output signal	Working voltage range: 24V±20% DC
			Input: 9
			Input mode: common collector input, common emitter input
			Input signal
			Servo ON (/S–ON)
			Forward (/P-CON)
			Decelerate (/DEC)
			Forward operation disable (/P–OT), Reverse operation disable (/N–OT)
			Alarm reset (/ALM–RST)
			Torque limit (/TLC)
			Speed direction (/SPD–D)
			Speed selection (/SPD–A, /SPD–B)
			Control mode (/C–SEL)
			Zero position clamp (/ZCLAMP)
			Command pulse disable (/INHIBIT)
			Pole detection (/P–DET)
			Gain selection (/G–SEL)
			Command pulse multiplier selection (/PSEL)
			Assignable signal positive/negative logic selection

HS330 Servo Drive General Parameters

Item					Specification	
I/O signal	Sequential output signal	Fixed input			Working voltage range: 24V~ DC30V DC	
					Output: 1	
					Signal: Servo alarm	
		Assignable output signal			Working voltage range: 24V~ DC30V DC	
					Output: 3	
					Method: Opticalcoupler (isolated)	
					Output signal	
					Position completion (/COIN)	
					Motor operation detection (/TGON)	
					Servo ready (/S-RDY)	
					Torque limit detection (/CLT)	
					Velocity limit detection (/VLT)	
					Brake (/BK)	
					Warning (/WARN)	
					Position approaching (/NEAR)	
					Assignable signal positive/negative logic selection	
Dynamic brake					Available on A/B models during main circuit power supply OFF, servo alarm, servo OFF and overtravel (OT)	
Regenerative power processing					Built-in function, see "Braking Resistor Selection" section for details.	
OT protection					Dynamic brake (DB) stop, deceleration stop or free stop at P-OT and N-OT signals	
Protections					Over-current, over-voltage, under-voltage, overload, regenerative faults, etc.	
Auxiliary functions					Gain adjustment, alarm log, JOG, home search, etc.	
Control	Position control	Feedforward compensation			0%~100%	
		Position arrival range			0~1073741824 command unit	
		Input signal	Command pulse	Command Pulse pattern	Choose one from the following	
					Symbol + pulse sequence, CW+ CCW pulse sequence, or 90° difference between A/B-phase pulses	
				Input pattern	Linear and open collector	
				Max. frequency	Linear drive	Symbol + pulse sequence, CW+ CCW pulse sequence: 4Mpps
						90° difference between A/B-phase pulses
					Open collector	Symbol + pulse sequence, CW+ CCW pulse sequence: 200Kpps
						90° difference between A/B-phase pulses: 200Kpps
				Input signal	1~100 times	
			Clear signal		Clear position deviation	
	Speed control	Soft startup time			0s~30s(acceleration and deceleration time can be set respectively)	
		Input signal	Command voltage		Max voltage: ±10V (motor in forward direction at positive voltages)	
					Rated speed at DC6V [Factory setting]	
					Adjust the gain as needed	
			Input impedance		About 14KQ	
		Internal speed control	Loop time		30μs	
			Direction		Speed selection (/SPD-A, /SPD-B)	
			Speed		Direction (/SPD-D)	
					Stop when SPD-A and SPD-B are both off, or switch to other control modes	
	Torque control	Input signal	Command voltage		Max voltage: ±10V (motor in forward direction at positive voltages)	
					Rated torque at DC 3V [Factory setting]	
					Adjust the gain as needed	
			Input impedance		About 14KQ	
			Loop time		16μs	

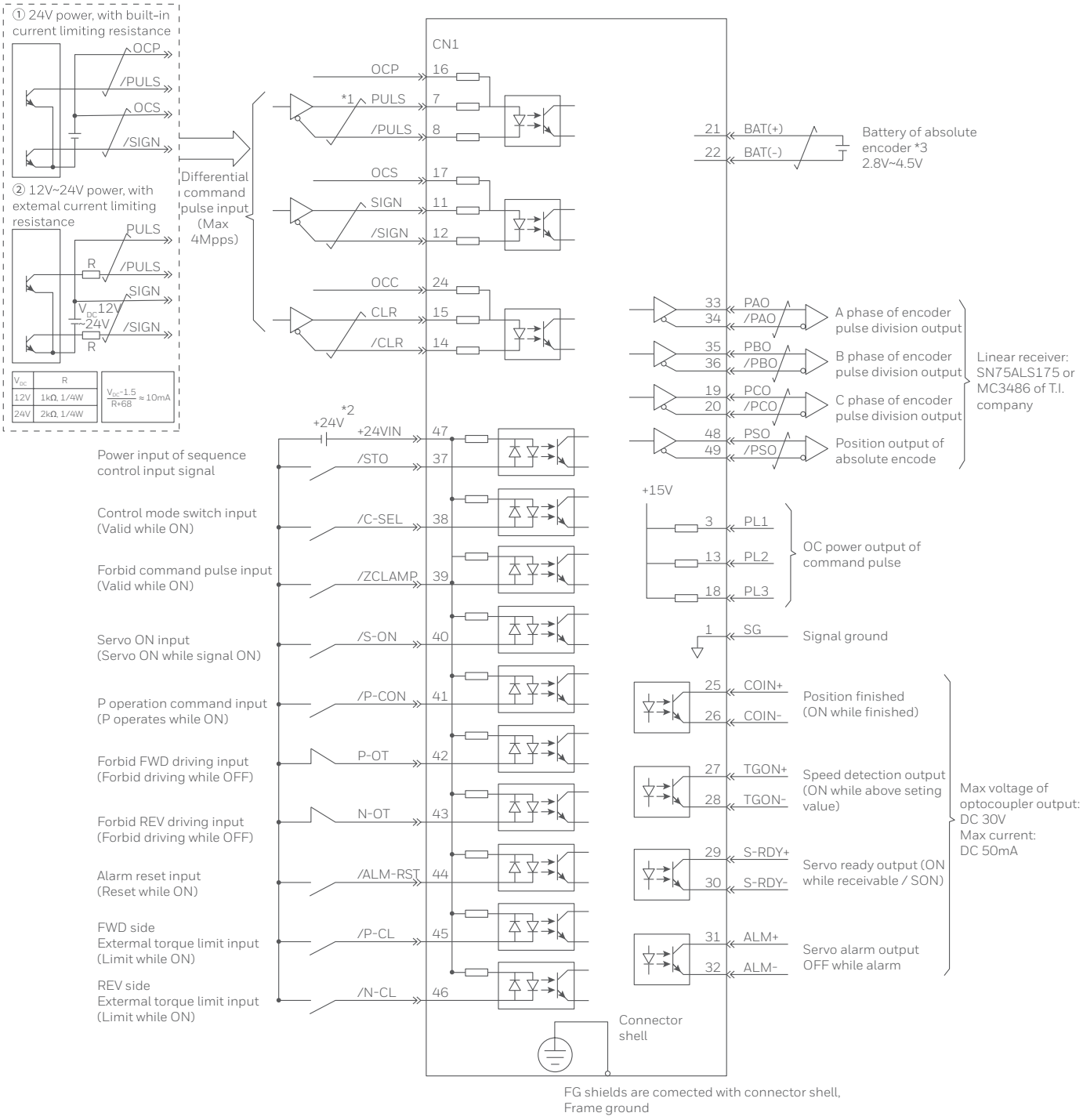
HS330 System Composition



(1) Before connecting an external braking resistor, remove the short wires between B2 and B3 of the servo drive.
(2) CN6A and CN6B are communication interfaces with identical definitions and can be used either way, but EtherCAT must be top in and bottom out.

HS330 Wiring Diagram

Position mode



*1. ⫫ means double twisted shielded cables.

*2. 24V DC power supply is provided by the user. In addition, the devices connected to the 24V DC power supply shall have double or reinforced insulation.

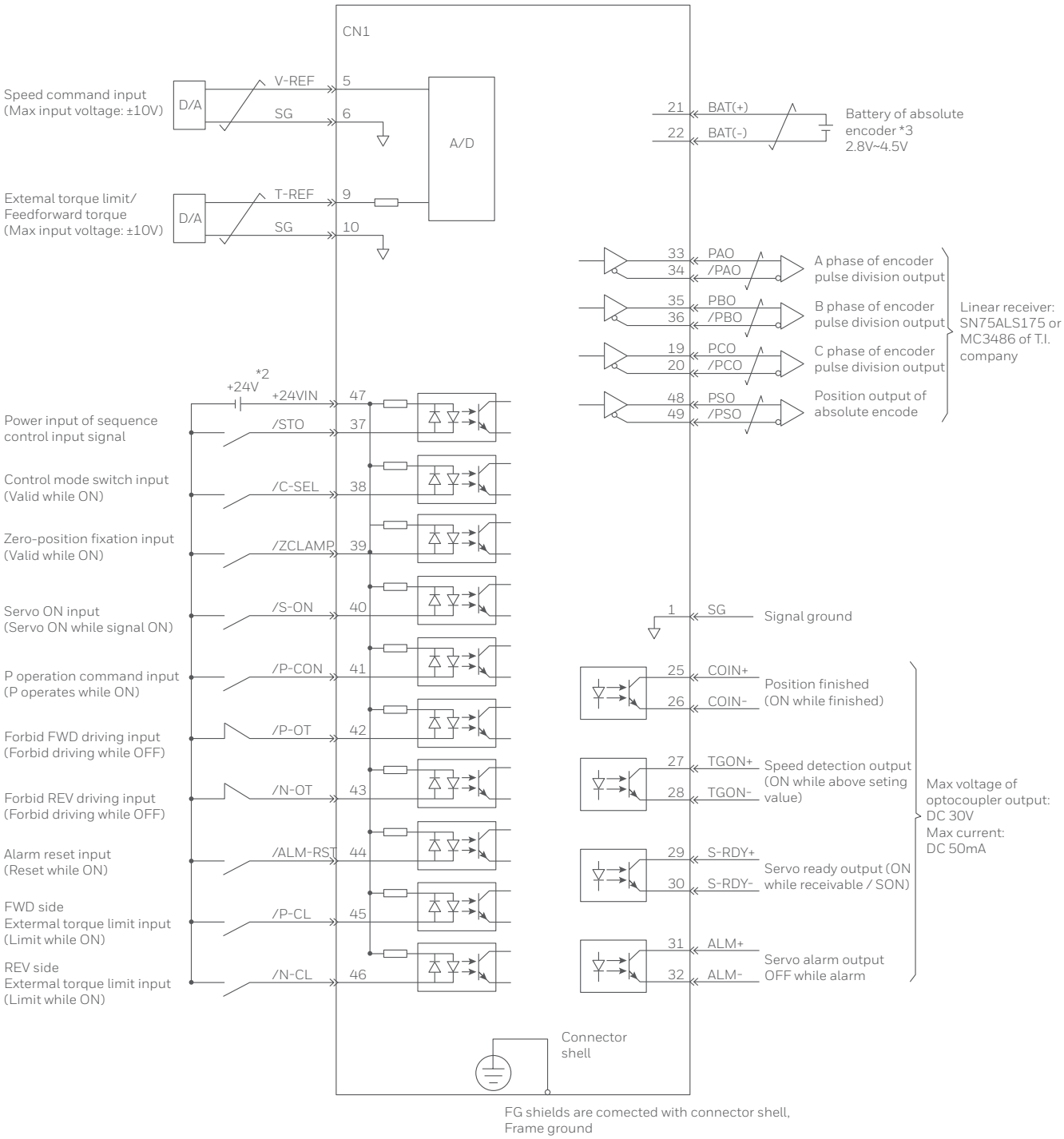
*3. Use absolute encoders. Do not connect to CN1−21 and CN−22 when using an encoder cable with a battery unit.

*4. Be sure to receive the output signal through a linear receiver.

Note: When using a 24V brake power suuply, be sure to separate the DC24V power supply from the power supply for the input/output signal (CN1) and prepare another power supply. When the power supply is shared, it can cause i/o signal malfunction.

HS330 Wiring Diagram

Speed-Torque Mode

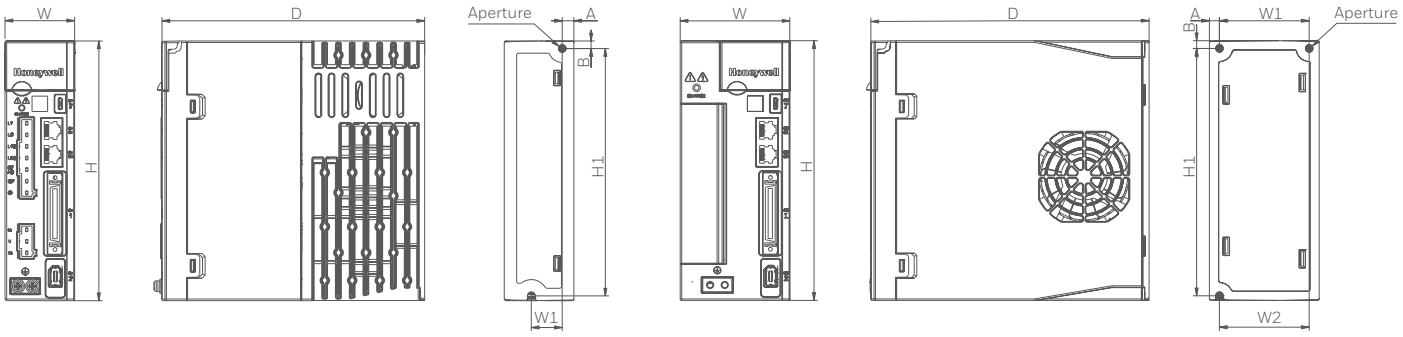


*1. ⫽ indicates double twisted shielded wire.
*2. Users are responsible for providing the DC 24V power supply. Use double-insulated or reinforced insulated equipment for DC24V power.
*3. Connect when using an absolute encoder. Do not connect pins CN1-21, CN1-22 when using an encoder cable with a battery unit.
*4. Output signals must be received through a linear receiver.
(Note:) When using a 24V brake power supply, ensure that the DC24V power supply is separate from the input/output signals (CN1) and use a different power source. Common power supply may cause misoperation of input/output signals.

HS330 Servo Drive Specifications and Dimensions

Structure	Model	Rated Voltage (V)	Rated Current (A)	Instantaneous Current (A)
A	HS330-0018-2S-***	Single-phase 220V	1.8	6.3
	HS330-0033-2S-***	Single-phase 220V	3.3	11.6
B	HS330-0055-2S/T-***	Single-/three-phase 220V	5.5	16.5
	HS330-0076-2S/T-***	Single-/three-phase 220V	7.6	22.8
	HS330-0095-2S/T-***	Single-/three-phase 220V	9.5	23.8
C	HS330-0120-2T-***	Three-phase 220V	12.0	36.0
	HS330-0160-2T-***	Three-phase 220V	16.0	40.0
B	HS330-0038-4T-***	Three-phase 380V	3.8	11.4
C	HS330-0060-4T-***	Three-phase 380V	6.0	18.0
	HS330-0084-4T-***	Three-phase 380V	8.4	25.2
	HS330-0110-4T-***	Three-phase 380V	11.0	27.5
D	HS330-0170-4T-***	Three-phase 380V	17.0	42.5
	HS330-0240-4T-***	Three-phase 380V	24.0	60.0
	HS330-0300-4T-***	Three-phase 380V	30.0	70.0
E	HS330-0400-4T-***	Three-phase 380V	40.0	80.0
F	HS330-0500-4T-***	Three-phase 380V	50.0	115.0
	HS330-0600-4T-***	Three-phase 380V	60.0	120.0
G	HS330-0700-4T-***	Three-phase 380V	70.0	140.0
	HS330-0800-4T-***	Three-phase 380V	80.0	160.0
	HS330-0120-4T-***	Three-phase 380V	120.0	240.0
H	HS330-0170-4T-***	Three-phase 380V	170.0	340.0
I	HS330-0220-4T-***	Three-phase 380V	220.0	440.0
J	HS330-0320-4T-***	Three-phase 380V	320.0	640.0
K	HS330-0420-4T-***	Three-phase 380V	420.0	840.0
L	HS330-0520-4T-***	Three-phase 380V	520.0	1,040.0

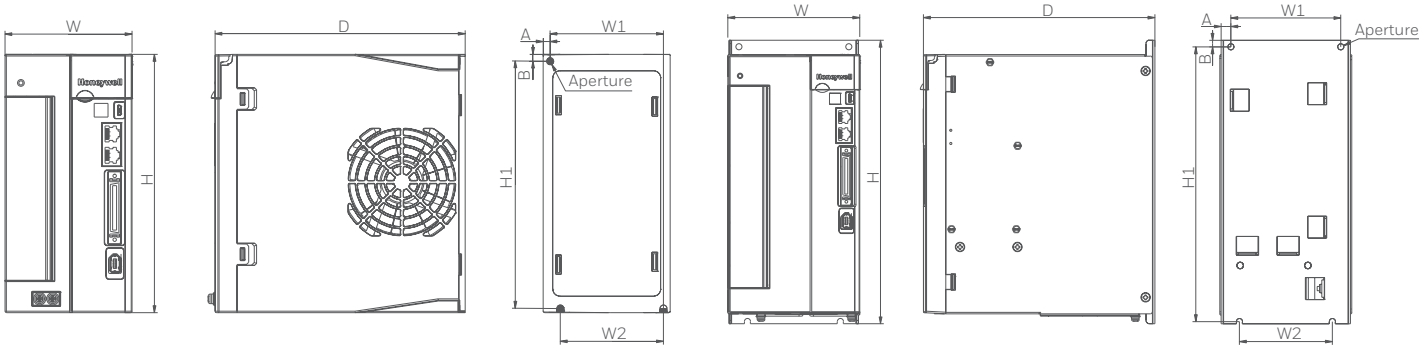
HS330 Servo Drive Specifications and Dimensions



Structure A

Structure B

Structure	Model	Outer Dimension (mm)			Installation Dimension (mm)						Aperture
		W	H	D	W1	W2	H1	H2	A	B	
A	HS330-0018-2S-***	45	168	170	/	20	160	/	7.5	5	2-M4
	HS330-0033-2S-***										
B	HS330-0055-2S/T-***	71	168	180	58	58	160	/	6.5	5	3-M4
	HS330-0076-2S/T-***										
	HS330-0095-2S/T-***										
	HS330-0038-4T-***										

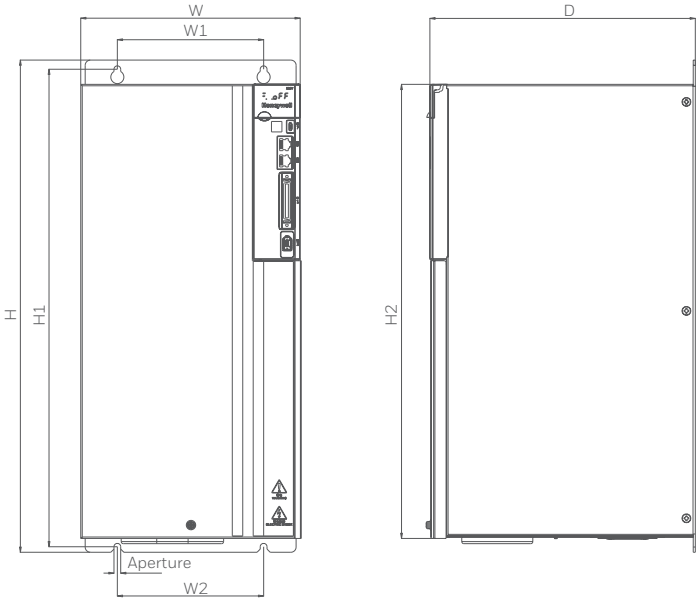


Structure C

Structure D

Structure	Model	Outer Dimension (mm)			Installation Dimension (mm)						Aperture
		W	H	D	W1	W2	H1	H2	A	B	
C	HS330-0120-2T-***	92.5	188	182	82.5	75	180	/	5	5	3-M4
	HS330-0160-2T-***										
	HS330-0060-4T-***										
	HS330-0084-4T-***										
	HS330-0110-4T-***										
D	HS330-0170-4T-***	120	260	210	100	84.5	250	236	/	/	4-M5
	HS330-0240-4T-***										
	HS330-0300-4T-***										

HS330 Servo Drive Specifications and Dimensions



Structure	Model	Outer Dimension (mm)			安装尺寸 (mm)						Aperture
		W	H	D	W1	W2	H1	H2	A	B	
E	HS330-0400-4T-***	180	413	240	125	125	404.5	413	/	/	4-M6
F	HS330-0500-4T-***	210	471	254	140	140	457	434.5	/	/	4-M6
	HS330-0600-4T-***										
G	HS330-0700-4T-***	240	558	310	176	176	544	520	/	/	4-M6
	HS330-0800-4T-***										
	HS330-0120-4T-***										
H	HS330-0170-4T-***	270	638	350	195	195	615	580	/	/	4-M10
I	HS330-0220-4T-***	350	738	405	220	220	715	680	/	/	4-M10
J	HS330-0320-4T-***	360	940	495	200	200	911	880	/	/	4-M18
K	HS330-0420-4T-***	370	1140	565	200	200	1111	1080	/	/	4-M18
L	HS330-0520-4T-***	420	1250	590	240	240	1213	1180	/	/	4-M20

HS330 Braking Resistor Selection

Model	Braking Voltage	Built-in Resistor	Min. External Resistor	Max. External Resistor
HS330-0018-2S-***	380V	None	40Ω	200Ω
HS330-0033-2S-***	380V	None	40Ω	100Ω
HS330-0055-2S/T-***	380V	40Ω 60W	25Ω	70Ω
HS330-0076-2S/T-***	380V	40Ω 60W	15Ω	50Ω
HS330-0095-2S/T-***	380V	40Ω 60W	15Ω	40Ω
HS330-0120-2T-***	380V	40Ω 60W	10Ω	40Ω
HS330-0160-2T-***	380V	40Ω 60W	10Ω	40Ω
HS330-0038-4T-***	700V	80Ω 60W	55Ω	180Ω
HS330-0060-4T-***	700V	40Ω 60W	35Ω	110Ω
HS330-0084-4T-***	700V	40Ω 60W	25Ω	85Ω
HS330-0110-4T-***	700V	40Ω 60W	25Ω	70Ω
HS330-0170-4T-***	700V	30Ω 200W	30Ω	50Ω
HS330-0240-4T-***	700V	30Ω 200W	15Ω	40Ω
HS330-0300-4T-***	700V	30Ω 200W	15Ω	30Ω
HS330-0500-4T-***	700V	None	10Ω	20Ω
HS330-0600-4T-***	700V	None	10Ω	20Ω
HS330-0700-4T-***	700V	None	10Ω	15Ω
HS330-0800-4T-***	700V	None	10Ω	15Ω
HS330-0121-4T-***	700V	None	8Ω	10Ω
HS330-0171-4T-***	700V	None	6Ω	8Ω

HS310 Servo Drive Naming Rules

Servo drive

Model HS310 - 0055 - 2S - □□□

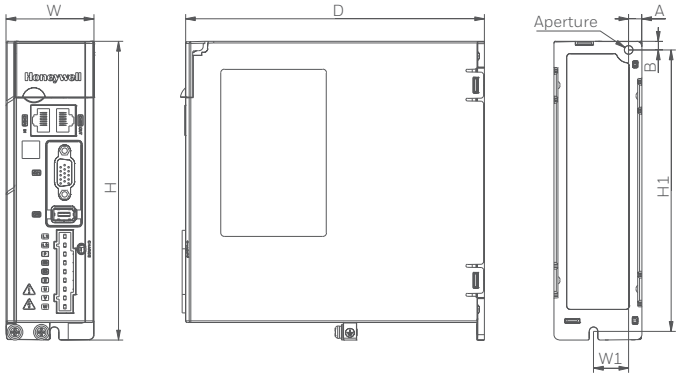
HS310	0055	2S	□□□
General servo drive series	Current: 0018: 1.8A 0055: 5.5A	Voltage: 2S: Single-phase 220V 2T: Three-phase 220V 2S/T: Single-/three-phase 220V 4T: Three-phase 380V	Communication: Empty: Pulse CAN: CANopen ECT: EtherCAT

220V	1.8~9.5A	100W~2.3kW	Fast response	Powerful computer software
			Small size	Various bus communication
380V	3.8A	1.0kW	Auto-tuning	Anti oscillation

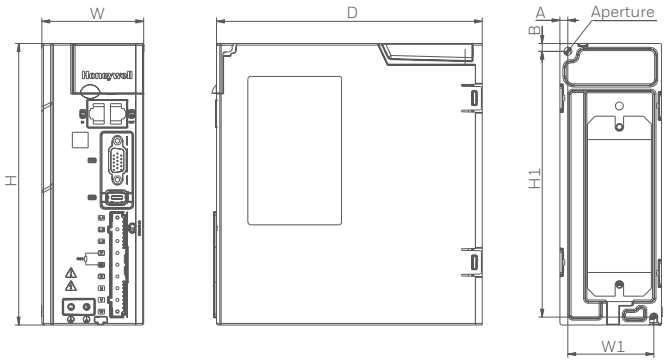
HS310 Servo Drive General Parameters

Item			Specification
Control			IGBT and PWM for sine wave current control
Encoder feedback			Serial encoder: absolute encoder
Environmental condition	Working temperature		0°C~55°C (derate to use between 55°C~60°C)
	Storage temperature		-20°C~65°C
	Working humidity		< 95%RH (No freezing and condensation)
	Storage humidity		< 95%RH (No freezing and condensation)
	Vibration resistance		4.9m/s
	Impact		19.6m/s^2
	Protection level		IP20
	Altitude		< 1000M1000m (derate to use between 1000m~2000m)
	Others		No electrostatic interference, strong electric field, strong magnetic field, radiation, etc.
Speed control	Speed control range		1:5000 (the lower limit of speed control range is the value at which the drive will keep operation at rated torque load)
	Speed fluctuation rate	Load fluctuation	< ±0.01% of rated speed (load fluctuation: 0%~100%)
		Voltage fluctuation	< ±0% of rated speed (voltage fluctuation: ±10%)
		Temperature fluctuation	< ±0.01% of rated speed (temp. fluctuation: 25±25°C)
Torque control	Torque control accuracy		±1% (Reproducible)
	Soft startup time		0s~10s (acceleration and deceleration can be set respectively)
Position control	Feedforward compensation		0%~100%
	Command pulse	Command pulse pattern	Three types of commands: "Pulse + Direction", "CW+CCW pulse sequence" and "A/B phase quadrature pulse"
		Input pattern	Linear drive, open collector
		Max. frequency	Differential Input: High-speed up to 4Mpps; Open Collector: up to 200Kpps
Communication	485		Standard
	CAN		Optional
	USB		For PC upper computer, standard, USB2.0 (12Mbps)
Display			CHARGE, 8-segment LED x 5-bit
Panel functions			Button x 4
Regenerative power processing			Built-in or external
Protections			Over-current, over-voltage, under-voltage, overload, regenerative faults, etc.
Auxiliary functions			Gain adjustment, alarm log, JOG, home search, etc.
Encoder frequency-dividing pulse			A,B,C phase: Linear frequency-dividing pulse number can be set as needed

HS310 Servo Drive Specifications and Dimensions



A-type Servo Drive Appearance

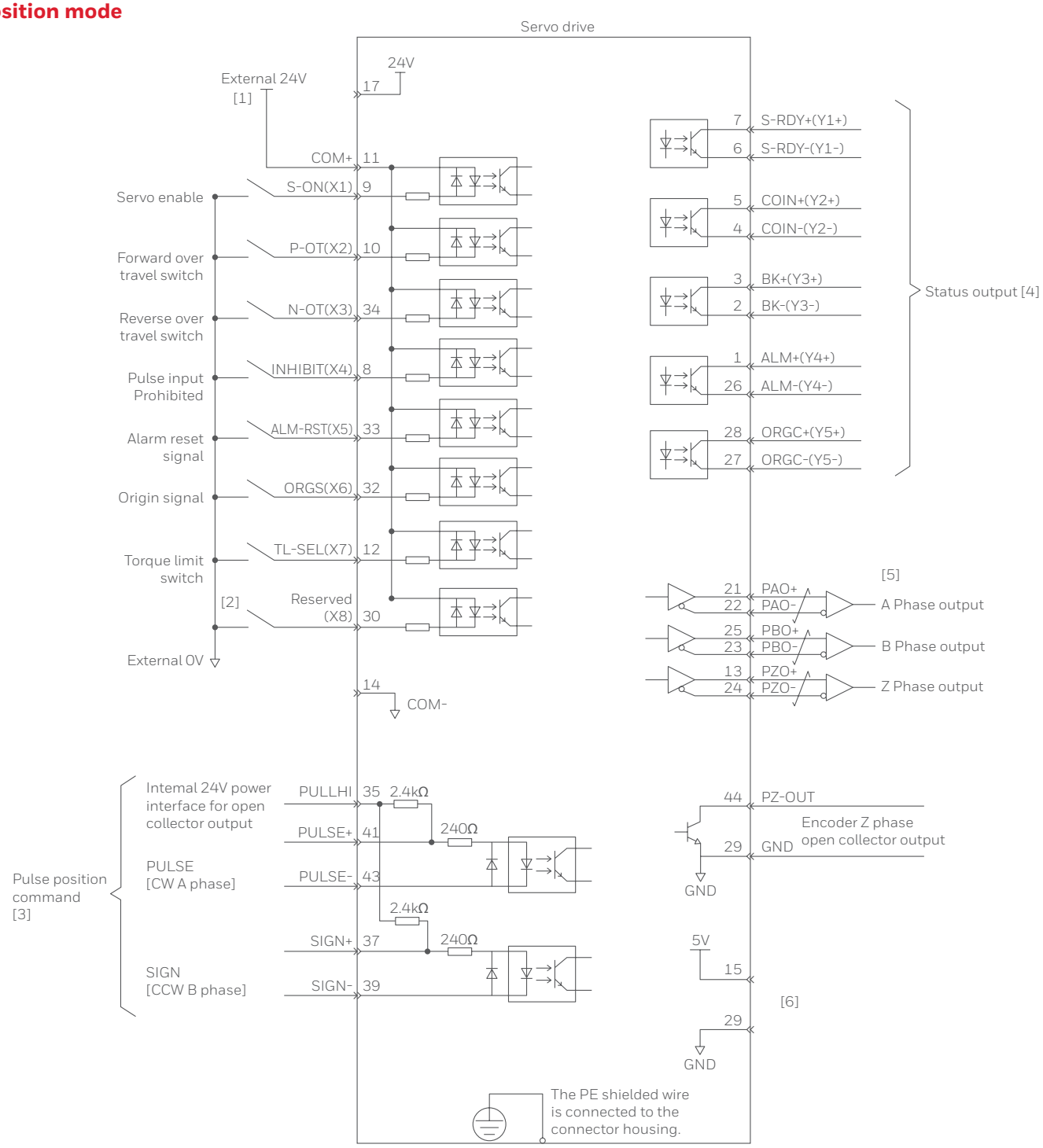


B-type Servo Drive Appearance

Structure	Model	Rated Input Voltage (v)	Rated Output Current (A)	Max. Output Current (A)	W	W1	H	D
A	HS310-0018-2S-***	Single-phase 220	1.8	6.3	50	20	170	170
	HS310-0033-2S-***	Single-phase 220	3.3	11.6	50	20	170	170
	HS310-0055-2S/T-***	Single-/three-phase 220V	5.5	16.5	50	20	170	170
B	HS310-0038-4T-***	Three-phase 380V	3.8	11.4	65	55	180	170
	HS310-0076-2S/T-***	Single-/three-phase 220V	7.6	22.8	65	55	180	170
	HS310-0095-2S/T-***	Single-/three-phase 220V	9.5	23.8	65	55	180	170

HS310 Wiring Diagram

Position mode



[1] For external power supply wiring, if use the internal 24V power source, please connect Pin17 (24V+) to Pin11, and input terminal to Pin14 (COM-).
[2] X7 and X8 are high-speed DI terminals, so use them according to the functions needed.
[3] Please use twisted shielded cable for pulse port wiring, and the shielded layer must be connected to PE at both ends, and GND must be connected to the signal ground of the upper computer.
[4] The Y output power supply is provided by users, 5V~24V. The max. voltage of Y port is 30V DC and max. current 50mA.
[5] Please use twisted shielded cable for encoder frequency dividing output, and the shielded layer must be connected to PE at both ends, and GND must be connected to the signal ground of the upper computer.
[6] The max current for the internal +5V power supply is 200mA.

Servo Motor Naming Rules

HSMD - 60 SP 040 A 30 E A Y Y - □□

Product Series

Flange
40: 40 flange
60: 60 flange
.....
263: 263 flange

Inertia
KP: L: Low inertia
SP: Medium inertia
HP: High inertia

Motor Power
010: 100W
040: 400W
075: 750W
180: 1.8kW
.....
20000: 200kW

Voltage Level
A: 220V
B: 380V

Rated speed
15: 1500rpm
20: 2000rpm
30: 3000rpm

A*: Output axis specification
B*: Output axis specification
*H: High-speed
*L: Low-speed
*F: Independent fan
*P: High-speed + Independent fan
*K: Low-speed + Independent fan

Oil Seal
Y: With oil seal
N: Without oil Seal

Key slot
Y: With key slot
N: Without key slot

Electromagnetic brake
A: Without brake
B: With brake

Encoder
E: 17-bit single-turn magnetic absolute encoder
D: 17-bit multi-turn magnetic absolute encoder
S: 20-bit photoelectric absolute encoder
P: 23-bit photoelectric absolute encoder
R: 24-bit photoelectric absolute encoder

Servo Motor Specifications and Dimensions

40 flange

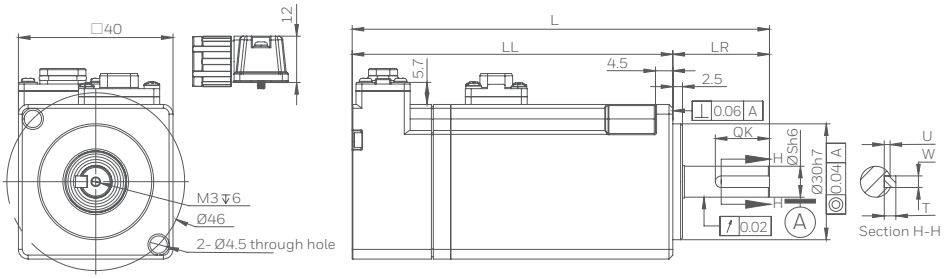
Basic Parameters

Model	Voltage (V)	Power (W)	Rated Torque (N.m)	Rated Speed (RPM)	Max. Speed (RPM)	Rated Current (A)	Max. Current (A)	Rotor Inertia (kg.cm²)	Brake
Low									
HSMD-40KP010A30 ☐ AYY-A	220	100	0.32	3000	6000	1	3	0.051	-
HSMD-40KP010A30 ☐ BYY-A	220	100	0.32	3000	6000	1	3	0.052	YES

Installation dimension

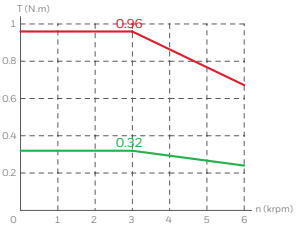
Unit: mm

Model	Voltage (V)	Power (W)	L	LL	LR	S	QK	U	W	T
Low										
HSMD-40KP010A30 ☐ AYY-A	220V	100	108	83	25	8	14	1.5	3	3
HSMD-40KP010A30 ☐ BYY-A	220V	100	134	109	25	8	14	1.5	3	3



Torque Characteristics

HSMD-40KP010A30☐☐YY-A



Servo Motor Specifications and Dimensions

60 flange

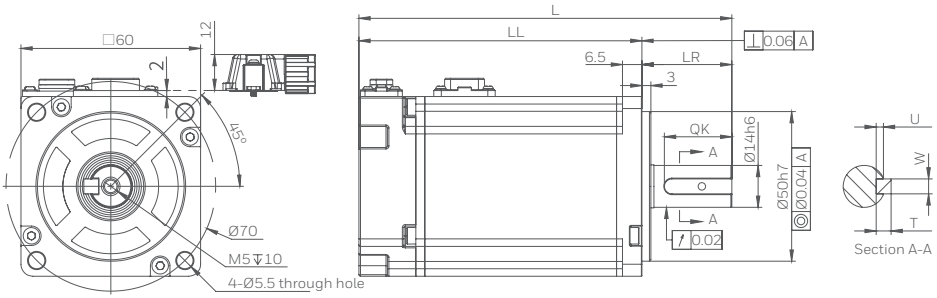
Basic Parameters

Model	Voltage (V)	Power (W)	Rated Torque (N.m)	Rated Speed (RPM)	Max. Speed (RPM)	Rated Current (A)	Max. Current (A)	Rotor Inertia (kg.cm²)	Brake
Low									
HSMD-60KP020A30 ☐ AYY-A	220	200	0.64	3000	6000	1.7	5.1	0.18	-
HSMD-60KP020A30 ☐ BYY-A	220	200	0.64	3000	6000	1.7	5.1	0.2	YES
HSMD-60KP040A30 ☐ AYY-A	220	400	1.27	3000	6000	2.6	7.8	0.34	-
HSMD-60KP040A30 ☐ BYY-A	220	400	1.27	3000	6000	2.6	7.8	0.36	YES
HSMD-60KP060A30 ☐ AYY-A	220	600	1.91	3000	5000	3.3	9.9	0.51	-
HSMD-60KP060A30 ☐ BYY-A	220	600	1.91	3000	5000	3.3	9.9	0.53	YES
Medium inertia									
HSMD-60SP040A30 ☐ AYY-A	220	400	1.27	3000	6000	2.6	7.8	0.67	-
HSMD-60SP040A30 ☐ BYY-A	220	400	1.27	3000	6000	2.6	7.8	0.69	YES

Installation dimension

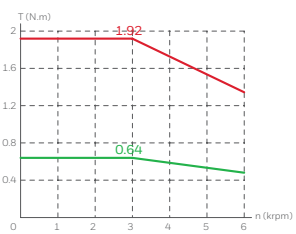
Unit: mm

Model	Voltage (V)	Power (W)	L	LL	LR	S	QK	U	W	T
Low										
HSMD-60KP020A30 ☐ AYY-A	220	200	105.5	75.5	30	14	22.5	2.5	5	5
HSMD-60KP020A30 ☐ BYY-A	220	200	136.5	106.5	30	14	22.5	2.5	5	5
HSMD-60KP040A30 ☐ AYY-A	220	400	124.5	94.5	30	14	22.5	2.5	5	5
HSMD-60KP040A30 ☐ BYY-A	220	400	155.5	125.5	30	14	22.5	2.5	5	5
HSMD-60KP060A30 ☐ AYY-A	220	600	143.5	113.5	30	14	22.5	2.5	5	5
HSMD-60KP060A30 ☐ BYY-A	220	600	174.5	144.5	30	14	22.5	2.5	5	5
Medium inertia										
HSMD-60SP040A30 ☐ AYY-A	220	400	134.5	104.5	30	14	22.5	2.5	5	5
HSMD-60SP040A30 ☐ BYY-A	220	400	165.5	135.5	30	14	22.5	2.5	5	5

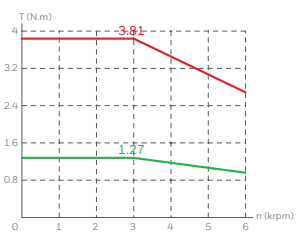


Torque Characteristics

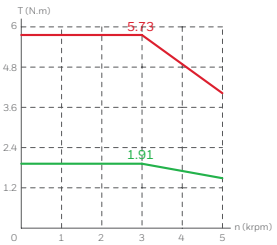
HSMD-60KP020A30☐☐YY-A



HSMD-60☐☐040A30☐☐YY-A



HSMD-60KP060A30☐☐YY-A



Servo Motor Specifications and Dimensions

80 flange

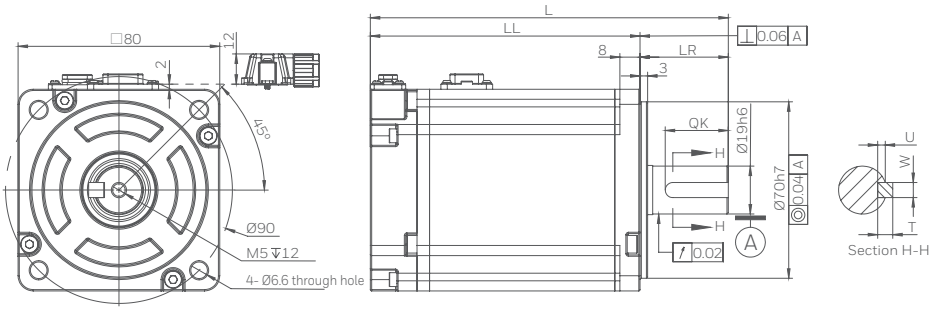
Basic Parameters

Model	Voltage (V)	Power (W)	Rated Torque (N.m)	Rated Speed (RPM)	Max. Speed (RPM)	Rated Current (A)	Max. Current (A)	Rotor Inertia (kg.cm²)	Brake
Low									
HSMD-80KP075A30 ☐ AYY-A	220	750	2.38	3000	6000	4.6	13.8	1.02	-
HSMD-80KP075A30 ☐ BYY-A	220	750	2.38	3000	6000	4.6	13.8	1.13	YES
HSMD-80KP075A30 ☐ AYY-AL	220	750	2.38	3000	4000	3.1	9.3	1.02	-
HSMD-80KP075A30 ☐ BYY-AL	220	750	2.38	3000	4000	3.1	9.3	1.13	YES
HSMD-80KP075A20 ☐ AYY-AL	220	750	3.58	2000	2500	2.8	8.4	1.34	-
HSMD-80KP075A20 ☐ BYY-AL	220	750	3.58	2000	2500	2.8	8.4	1.45	YES
HSMD-80KP100A30 ☐ AYY-A	220	1000	3.18	3000	5000	5	16.5	1.34	-
HSMD-80KP100A30 ☐ BYY-A	220	1000	3.18	3000	5000	5	16.5	1.45	YES

Installation dimension

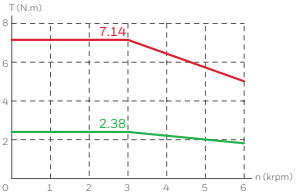
Unit: mm

Model	Voltage (V)	Power (W)	L	LL	LR	S	QK	U	W	T
Low										
HSMD-80KP075A30 ☐ AYY-A	220	750	142	107	35	19	25	3	6	6
HSMD-80KP075A30 ☐ BYY-A	220	750	174	139	35	19	25	3	6	6
HSMD-80KP075A30 ☐ AYY-AL	220	750	142	107	35	19	25	3	6	6
HSMD-80KP075A30 ☐ BYY-AL	220	750	174	139	35	19	25	3	6	6
HSMD-80KP075A20 ☐ AYY-AL	220	750	156	121	35	19	25	3	6	6
HSMD-80KP075A20 ☐ BYY-AL	220	750	188	153	35	19	25	3	6	6
HSMD-80KP100A30 ☐ AYY-A	220	1000	156	121	35	19	25	3	6	6
HSMD-80KP100A30 ☐ BYY-A	220	1000	188	153	35	19	25	3	6	6

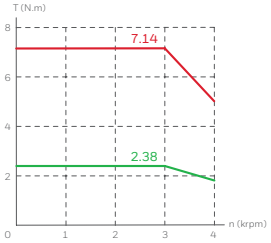


Torque Characteristics

HSMD-80☐☐075A30☐☐YY-A



HSMD-80KP075A30☐☐YY-AL



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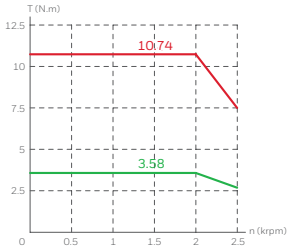
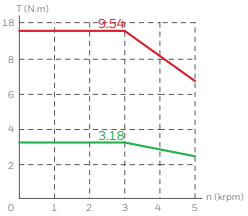


HSMD-80KP100A30☐☐YY-A



Servo Motor Specifications and Dimensions

80 flange

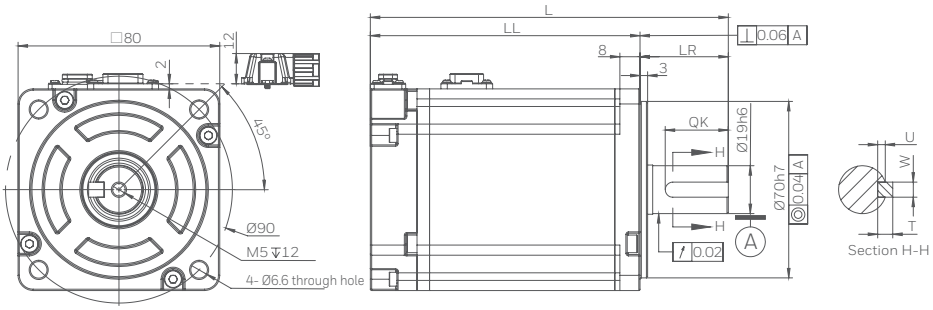
Basic Parameters

Model	Voltage (V)	Power (W)	Rated Torque (N.m)	Rated Speed (RPM)	Max. Speed (RPM)	Rated Current (A)	Max. Current (A)	Rotor Inertia (kg.cm²)	Brake
Medium inertia									
HSMD-80SP075A30 ☐ AYY-A	220	750	2.38	3000	6000	4.6	13.8	2.3	-
HSMD-80SP075A30 ☐ BYY-A	220	750	2.38	3000	6000	4.6	13.8	2.41	YES
HSMD-80SP075A30 ☐ AYY-AL	220	750	2.38	3000	4000	3.3	9.3	2.3	-
HSMD-80SP075A30 ☐ BYY-AL	220	750	2.38	3000	4000	3.3	9.3	3.8	YES

Installation dimension

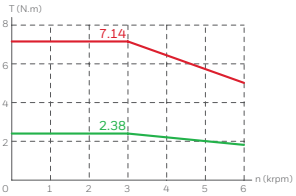
Unit: mm

Model	Voltage (V)	Power (W)	L	LL	LR	S	QK	U	W	T
Medium inertia										
HSMD-80SP075A30 ☐ AYY-A	220	750	152	117	35	19	25	3	6	6
HSMD-80SP075A30 ☐ BYY-A	220	750	184.5	149.5	35	19	25	3	6	6
HSMD-80SP075A30 ☐ AYY-AL	220	750	152	117	35	19	25	3	6	6
HSMD-80SP075A30 ☐ BYY-AL	220	750	184.5	149.5	35	19	25	3	6	6



Torque Characteristics

HSMD-80☐☐075A30☐☐YY-A



Servo Motor Specifications and Dimensions

110 flange

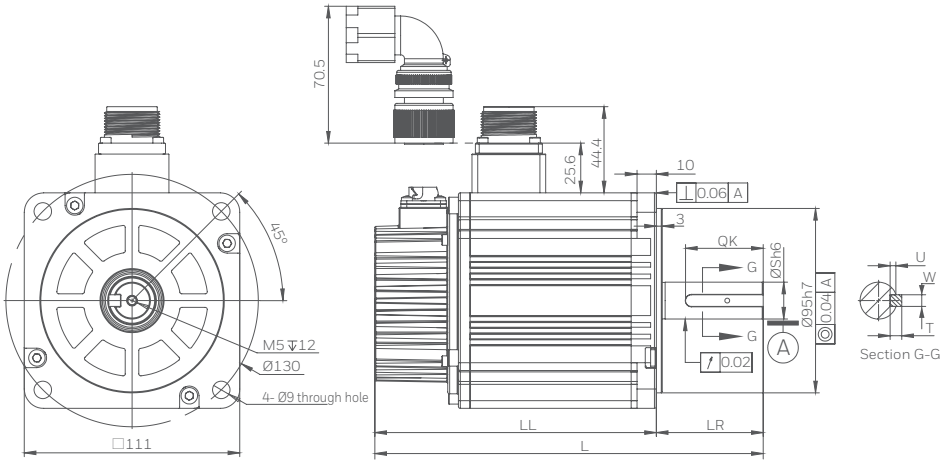
Basic Parameters

Model	Voltage (V)	Power (W)	Rated Torque (N.m)	Rated Speed (RPM)	Max. Speed (RPM)	Rated Current (A)	Max. Current (A)	Rotor Inertia (kg.cm²)	Brake
Medium inertia									
HSMD-110SP120A30 ☐ AYY-A	220	1200	3.82	3000	5000	6.3	18.9	4.91	-
HSMD-110SP120A30 ☐ BYY-A	220	1200	3.82	3000	5000	6.3	18.9	5.52	YES
HSMD-110SP150A30 ☐ AYY-A	220	1500	4.78	3000	5000	7.6	22.8	6.1	-
HSMD-110SP150A30 ☐ BYY-A	220	1500	4.78	3000	5000	7.6	22.8	6.71	YES
HSMD-110SP180A30 ☐ AYY-A	220	1800	5.73	3000	5000	9.3	27.9	7.28	-
HSMD-110SP180A30 ☐ BYY-A	220	1800	5.73	3000	5000	9.3	27.9	7.89	YES

Installation dimension

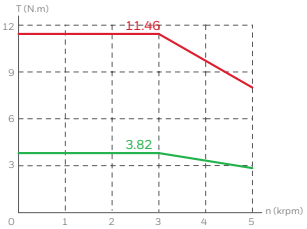
Unit: mm

Model	Voltage (V)	Power (W)	L	LL	LR	S	QK	U	W	T
Medium inertia										
HSMD-110SP120A30 ☐ AYY-A	220	1200	190	135	55	19	40	3	6	6
HSMD-110SP120A30 ☐ BYY-A	220	1200	221.2	166.2	55	19	40	3	6	6
HSMD-110SP150A30 ☐ AYY-A	220	1500	200	145	55	19	40	3	6	6
HSMD-110SP150A30 ☐ BYY-A	220	1500	231.2	176.2	55	19	40	3	6	6
HSMD-110SP180A30 ☐ AYY-A	220	1800	210	155	55	19	40	3	6	6
HSMD-110SP180A30 ☐ BYY-A	220	1800	241.2	186.2	55	19	40	3	6	6

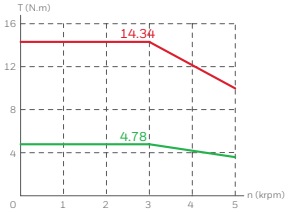


Torque Characteristics

HSMD-110SP120A30☐☐YY-A



HSMD-110SP150A30☐☐YY-A



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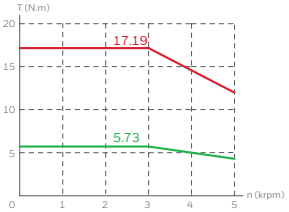


Servo Motor Specifications and Dimensions

130 flange

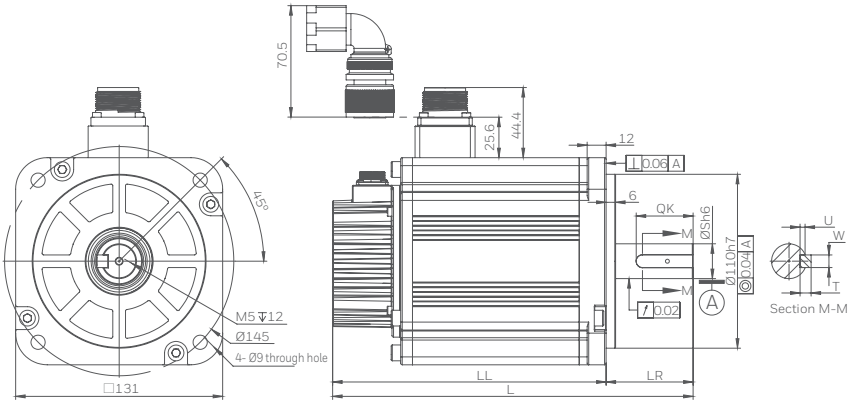
Basic Parameters

Model	Voltage (V)	Power (W)	Rated Torque (N.m)	Rated Speed (RPM)	Max. Speed (RPM)	Rated Current (A)	Max. Current (A)	Rotor Inertia (kg.cm²)	Brake
Medium inertia									
HSMD-130SP085A15 ☐ AYY-A	220	850	5.41	1500	3000	5.4	16.2	10.51	-
HSMD-130SP085A15 ☐ BYY-A	220	850	5.41	1500	3000	5.4	16.2	12.65	YES
HSMD-130SP100A20 ☐ AYY-A	220	1000	4.78	2000	3000	4.9	14.7	10.51	-
HSMD-130SP100A20 ☐ BYY-A	220	1000	4.78	2000	3000	4.9	14.7	12.65	YES
HSMD-130SP130A15 ☐ AYY-A	220	1300	8.28	1500	3000	8.2	24.6	14.85	-
HSMD-130SP130A15 ☐ BYY-A	220	1300	8.28	1500	3000	8.2	24.6	16.99	YES
HSMD-130SP150A20 ☐ AYY-A	220	1500	7.16	2000	3000	7.1	21.3	14.85	-
HSMD-130SP150A20 ☐ BYY-A	220	1500	7.16	2000	3000	7.1	21.3	16.99	YES

Installation dimension

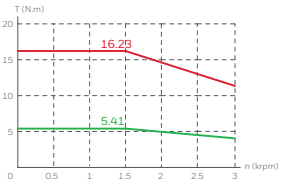
Unit: mm

Model	Voltage (V)	Power (W)	L	LL	LR	S	QK	U	W	T
Medium inertia										
HSMD-130SP085A15 ☐ AYY-A	220	850	186	131	55	22	36	3.2	8	7
HSMD-130SP085A15 ☐ BYY-A	220	850	214.2	159.2	55	22	36	3.2	8	7
HSMD-130SP100A20 ☐ AYY-A	220	1000	186	131	55	22	36	3.2	8	7
HSMD-130SP100A20 ☐ BYY-A	220	1000	214.2	159.2	55	22	36	3.2	8	7
HSMD-130SP130A15 ☐ AYY-A	220	1300	198	143	55	22	36	3.2	8	7
HSMD-130SP130A15 ☐ BYY-A	220	1300	226.2	171.2	55	22	36	3.2	8	7
HSMD-130SP150A20 ☐ AYY-A	220	1500	198	143	55	22	36	3.2	8	7
HSMD-130SP150A20 ☐ BYY-A	220	1500	226.2	171.2	55	22	36	3.2	8	7

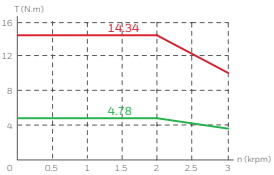


Torque Characteristics

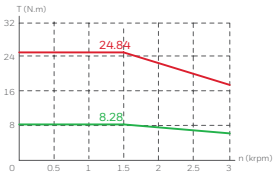
HSMD-130SP085☐15☐☐YY-A



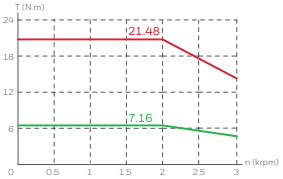
HSMD-130SP100☐20☐☐YY-A



HSMD-130SP130☐15☐☐YY-A



HSMD-130SP150☐20☐☐YY-A



Servo Motor Specifications and Dimensions

130 flange

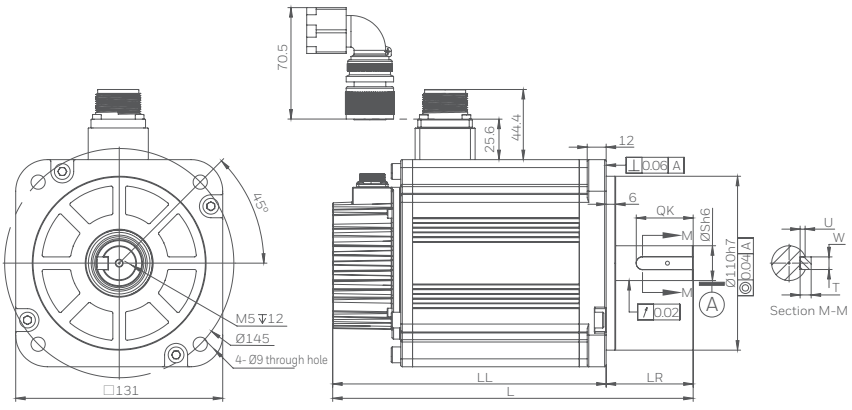
Basic Parameters

Model	Voltage (V)	Power (W)	Rated Torque (N.m)	Rated Speed (RPM)	Max. Speed (RPM)	Rated Current (A)	Max. Current (A)	Rotor Inertia (kg.cm²)	Brake
Medium inertia									
HSMD-130SP180A15 ☐ AYY-A	220	1800	11.46	1500	3000	10.9	32.7	20.63	-
HSMD-130SP180A15 ☐ BYY-A	220	1800	11.46	1500	3000	10.9	32.7	22.77	YES
HSMD-130SP200A20 ☐ AYY-A	220	2000	9.55	2000	3000	9.4	28.2	20.63	-
HSMD-130SP200A20 ☐ BYY-A	220	2000	9.55	2000	3000	9.4	28.2	22.77	YES
HSMD-130SP230A15 ☐ AYY-A	220	2300	14.64	1500	3000	14	42	29.27	-
HSMD-130SP230A15 ☐ BYY-A	220	2300	14.64	1500	3000	14	42	31.41	YES
HSMD-130SP300A20 ☐ AYY-A	220	3000	14.33	2000	3000	14	42	36.38	-
HSMD-130SP300A20 ☐ BYY-A	220	3000	14.33	2000	3000	14	42	38.52	YES

Installation dimension

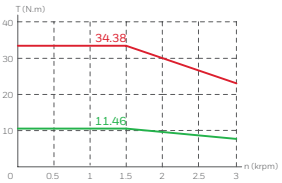
Unit: mm

Model	Voltage (V)	Power (W)	L	LL	LR	S	QK	U	W	T
Medium inertia										
HSMD-130SP180A15 ☐ AYY-A	220	1800	214	159	55	22	36	3.2	8	7
HSMD-130SP180A15 ☐ BYY-A	220	1800	242.2	187.2	55	22	36	3.2	8	7
HSMD-130SP200A20 ☐ AYY-A	220	2000	214	159	55	22	36	3.2	8	7
HSMD-130SP200A20 ☐ BYY-A	220	2000	242.2	187.2	55	22	36	3.2	8	7
HSMD-130SP230A15 ☐ AYY-A	220	2300	-	-	55	22	36	3.2	8	7
HSMD-130SP230A15 ☐ BYY-A	220	2300	-	-	55	22	36	3.2	8	7
HSMD-130SP300A20 ☐ AYY-A	220	3000	258	203	55	22	36	3.2	8	7
HSMD-130SP300A20 ☐ BYY-A	220	3000	286.2	231.2	55	22	36	3.2	8	7

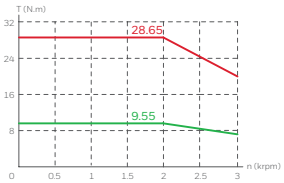


Torque Characteristics

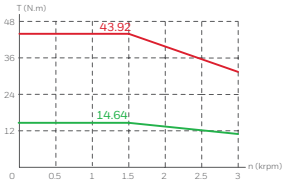
HSMD-130SP180☐15☐☐YY-A



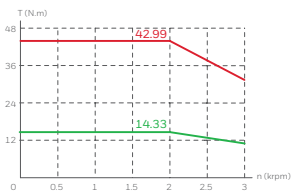
HSMD-130SP200☐20☐☐YY-A



HSMD-130SP230☐15☐☐YY-A



HHSMD-130SP300☐20☐☐YY-A



Servo Motor Specifications and Dimensions

130 flange

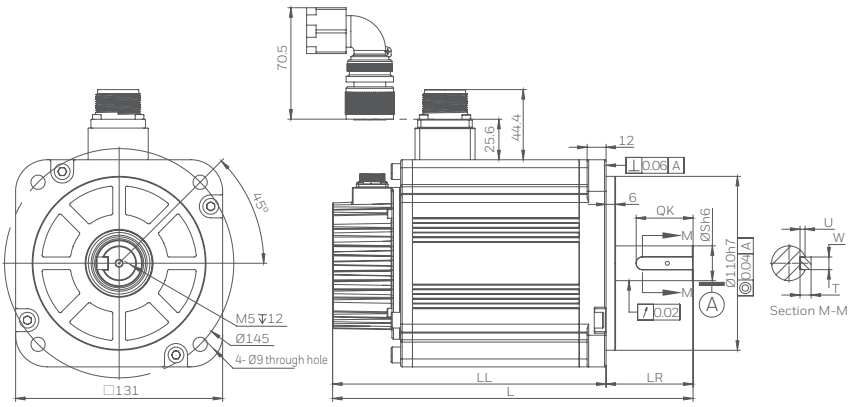
Basic Parameters

Model	Voltage (V)	Power (W)	Rated Torque (N.m)	Rated Speed (RPM)	Max. Speed (RPM)	Rated Current (A)	Max. Current (A)	Rotor Inertia (kg.cm²)	Brake
Medium inertia									
HSMD-130SP085B15 ☐ AYY-A	380	850	5.41	1500	3000	3.3	9.9	10.51	-
HSMD-130SP085B15 ☐ BYY-A	380	850	5.41	1500	3000	3.3	9.9	12.65	YES
HSMD-130SP100B20 ☐ AYY-A	380	1000	4.78	2000	3000	3.2	9.6	10.51	-
HSMD-130SP100B20 ☐ BYY-A	380	1000	4.78	2000	3000	3.2	9.6	12.65	YES
HSMD-130SP130B15 ☐ AYY-A	380	1300	8.28	1500	3000	4.8	14.4	14.85	-
HSMD-130SP130B15 ☐ BYY-A	380	1300	8.28	1500	3000	4.8	14.4	16.99	YES
HSMD-130SP150B20 ☐ AYY-A	380	1500	7.16	2000	3000	4.4	13.2	14.85	-
HSMD-130SP150B20 ☐ BYY-A	380	1500	7.16	2000	3000	4.4	13.2	16.99	YES

Installation dimension

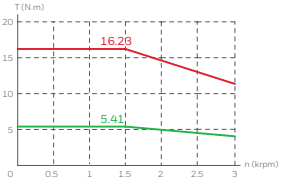
Unit: mm

Model	Voltage (V)	Power (W)	L	LL	LR	S	QK	U	W	T
Medium inertia										
HSMD-130SP085B15 ☐ AYY-A	380	850	186	131	55	22	36	3.2	8	7
HSMD-130SP085B15 ☐ BYY-A	380	850	214.2	159.2	55	22	36	3.2	8	7
HSMD-130SP100B20 ☐ AYY-A	380	1000	186	131	55	22	36	3.2	8	7
HSMD-130SP100B20 ☐ BYY-A	380	1000	214.2	159.2	55	22	36	3.2	8	7
HSMD-130SP130B15 ☐ AYY-A	380	1300	198	143	55	22	36	3.2	8	7
HSMD-130SP130B15 ☐ BYY-A	380	1300	226.2	171.2	55	22	36	3.2	8	7
HSMD-130SP150B20 ☐ AYY-A	380	1500	198	143	55	22	36	3.2	8	7
HSMD-130SP150B20 ☐ BYY-A	380	1500	226.2	171.2	55	22	36	3.2	8	7

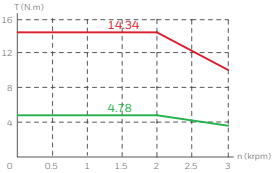


Torque Characteristics

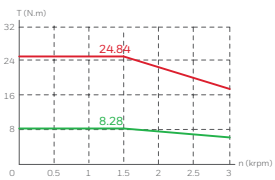
HSMD-130SP085☐15☐☐YY-A



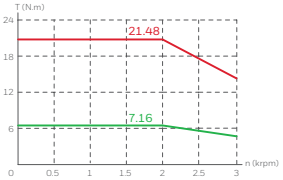
HSMD-130SP100☐20☐☐YY-A



HSMD-130SP130☐15☐☐YY-A



HSMD-130SP150☐20☐☐YY-A



Servo Motor Specifications and Dimensions

130 flange

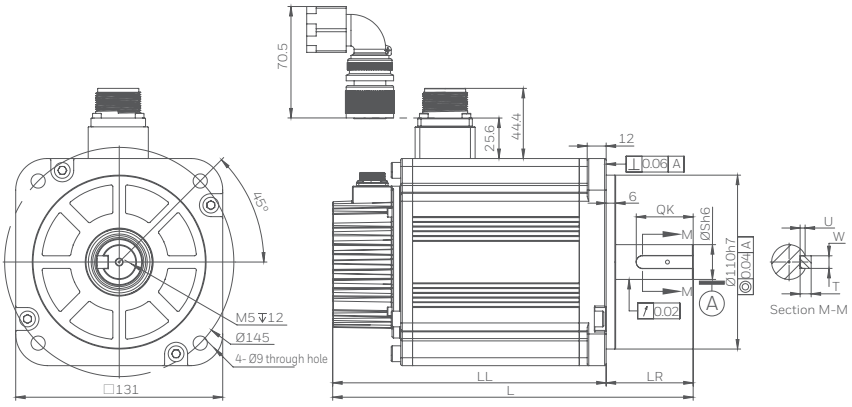
Basic Parameters

Model	Voltage (V)	Power (W)	Rated Torque (N.m)	Rated Speed (RPM)	Max. Speed (RPM)	Rated Current (A)	Max. Current (A)	Rotor Inertia (kg.cm²)	Brake
Medium inertia									
HSMD-130SP180B15 ☐ AYY-A	380	1800	11.46	1500	3000	6.6	19.8	20.63	-
HSMD-130SP180B15 ☐ BYY-A	380	1800	11.46	1500	3000	6.6	19.8	22.77	YES
HSMD-130SP200B20 ☐ AYY-A	380	2000	9.55	2000	3000	5.5	16.5	20.63	-
HSMD-130SP200B20 ☐ BYY-A	380	2000	9.55	2000	3000	5.5	16.5	22.77	YES
HSMD-130SP230B15 ☐ AYY-A	380	2300	14.64	1500	3000	8.4	25.2	29.27	-
HSMD-130SP230B15 ☐ BYY-A	380	2300	14.64	1500	3000	8.4	25.2	31.41	YES
HSMD-130SP300B20 ☐ AYY-A	380	3000	14.33	2000	3000	8.3	24.9	36.38	-
HSMD-130SP300B20 ☐ BYY-A	380	3000	14.33	2000	3000	8.3	24.9	38.52	YES

Installation dimension

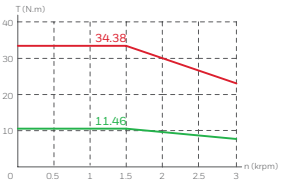
Unit: mm

Model	Voltage (V)	Power (W)	L	LL	LR	S	QK	U	W	T
Medium inertia										
HSMD-130SP180B15 ☐ AYY-A	380	1800	214	159	55	22	36	3.2	8	7
HSMD-130SP180B15 ☐ BYY-A	380	1800	242.2	187.2	55	22	36	3.2	8	7
HSMD-130SP200B20 ☐ AYY-A	380	2000	214	159	55	22	36	3.2	8	7
HSMD-130SP200B20 ☐ BYY-A	380	2000	256.2	201.2	55	22	36	3.2	8	7
HSMD-130SP230B15 ☐ AYY-A	380	2300	-	-	55	22	36	3.2	8	7
HSMD-130SP230B15 ☐ BYY-A	380	2300	-	-	55	22	36	3.2	8	7
HSMD-130SP300B20 ☐ AYY-A	380	3000	258	203	55	22	36	3.2	8	7
HSMD-130SP300B20 ☐ BYY-A	380	3000	286.2	231.2	55	22	36	3.2	8	7

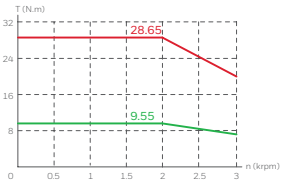


Torque Characteristics

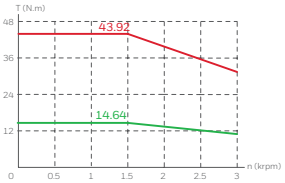
HSMD-130SP180☐15☐☐YY-A



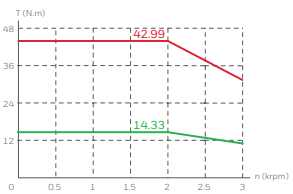
HSMD-130SP200☐20☐☐YY-A



HSMD-130SP230☐15☐☐YY-A



HSMD-130SP300☐20☐☐YY-A



Servo Motor Specifications and Dimensions

180 flange

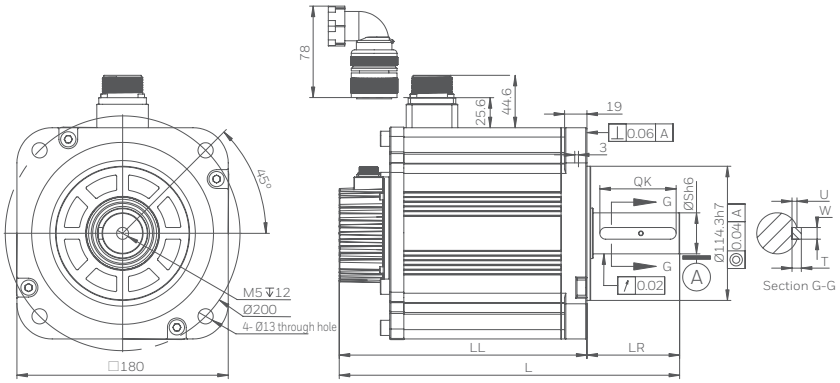
Basic Parameters

Model	Voltage (V)	Power (W)	Rated Torque (N.m)	Rated Speed (RPM)	Max. Speed (RPM)	Rated Current (A)	Max. Current (A)	Rotor Inertia (kg.cm²)	Brake
Medium inertia									
HSMD-180SP290A15 ☐ AYY-A	220	2900	18.46	1500	2000	12	30	49.56	-
HSMD-180SP290A15 ☐ BYY-A	220	2900	18.46	1500	2000	12	30	56.05	YES
HSMD-180SP440A15 ☐ AYY-A	220	4400	28.01	1500	1800	16	40	68.9	-
HSMD-180SP440A15 ☐ BYY-A	220	4400	28.01	1500	1800	16	40	75.39	YES

Installation dimension

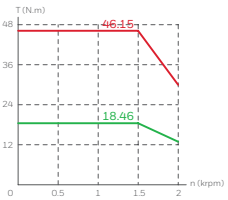
Unit: mm

Model	Voltage (V)	Power (W)	L	LL	LR	S	QK	U	W	T
Medium inertia										
HSMD-180SP290A15 ☐ AYY-A	220	2900	266	187	79	35	65	4.3	10	8
HSMD-180SP290A15 ☐ BYY-A	220	2900	307.5	228.5	79	35	65	4.3	10	8
HSMD-180SP440A15 ☐ AYY-A	220	4400	290	211	79	35	65	4.3	10	8
HSMD-180SP440A15 ☐ BYY-A	220	4400	331.5	252.5	79	35	65	4.3	10	8

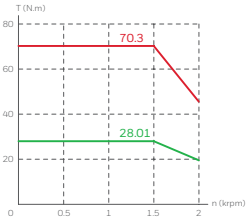


Torque Characteristics

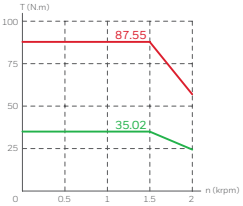
HSMD-180SP290☐15☐☐YY-A



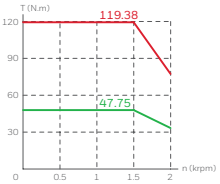
HSMD-180SP440☐15☐☐YY-A



HSMD-180SP550☐15☐☐YY-A



HSMD-180SP750☐15☐☐YY-A



Servo Motor Specifications and Dimensions

180 flange

Basic Parameters

Model	Voltage (V)	Power (W)	Rated Torque (N.m)	Rated Speed (RPM)	Max. Speed (RPM)	Rated Current (A)	Max. Current (A)	Rotor Inertia (kg.cm²)	Brake
Medium inertia									
HSMD-180SP290B15 ☐ AYY-A	380	2900	18.46	1500	2000	7.1	17.8	49.56	-
HSMD-180SP290B15 ☐ BYY-A	380	2900	18.46	1500	2000	7.1	17.8	56.05	YES
HSMD-180SP440B15 ☐ AYY-A	380	4400	28.01	1500	2000	10.9	27.3	68.9	-
HSMD-180SP440B15 ☐ BYY-A	380	4400	28.01	1500	2000	10.9	27.3	75.39	YES
HSMD-180SP550B15 ☐ AYY-A	380	5500	35.02	1500	2000	13.4	33.5	110.11	-
HSMD-180SP550B15 ☐ BYY-A	380	5500	35.02	1500	2000	13.4	33.5	116.6	YES
HSMD-180SP750B15 ☐ AYY-A	380	7500	47.75	1500	2000	17	42.5	156.61	-
HSMD-180SP750B15 ☐ BYY-A	380	7500	47.75	1500	2000	17	42.5	163.09	YES

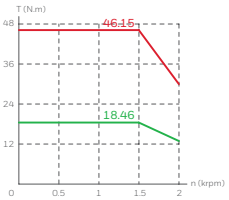
Installation dimension

Unit: mm

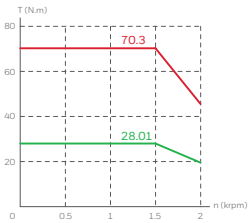
Model	Voltage (V)	Power (W)	L	LL	LR	S	QK	U	W	T
Medium inertia										
HSMD-180SP290B15 ☐ AYY-A	380	2900	266	187	79	35	65	4.3	10	8
HSMD-180SP290B15 ☐ BYY-A	380	2900	307.5	228.5	79	35	65	4.3	10	8
HSMD-180SP440B15 ☐ AYY-A	380	4400	290	211	79	35	65	4.3	10	8
HSMD-180SP440B15 ☐ BYY-A	380	4400	331.5	252.5	79	35	65	4.3	10	8
HSMD-180SP550B15 ☐ AYY-A	380	5500	325.5	246.5	79	35	65	4.3	10	8
HSMD-180SP550B15 ☐ BYY-A	380	5500	367	288	79	35	65	4.3	10	8
HSMD-180SP750B15 ☐ AYY-A	380	7500	372.5	293.5	79	35	65	4.3	10	8
HSMD-180SP750B15 ☐ BYY-A	380	7500	414	335	79	35	65	4.3	10	8

Torque Characteristics

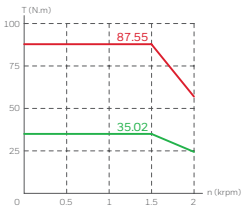
HSMD-180SP290☐15☐☐YY-A



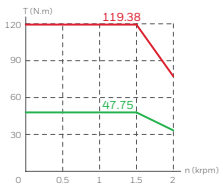
HSMD-180SP440☐15☐☐YY-A



HSMD-180SP550☐15☐☐YY-A



HSMD-180SP750☐15☐☐YY-A



Servo Motor Specifications and Dimensions

200 flange

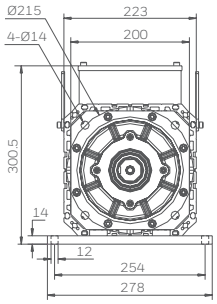
Basic Parameters

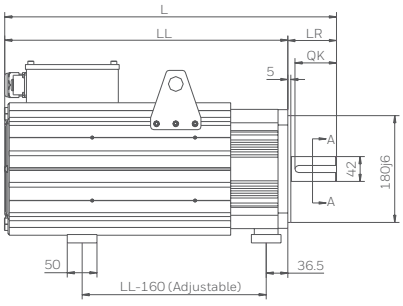
Model	Voltage (V)	Power (W)	Rated Torque (N.m)	Rated Speed (RPM)	Max. Speed (RPM)	Rated Current (A)	Max. Current (A)	Rotor Inertia (kg.cm²)	Brake
Medium inertia									
HSMD-200SP1100B15 ☐ AYY-FN	380	11000	70	1500	2000	21	42	70	-
HSMD-200SP1100B15 ☐ BYY-FN	380	11000	70	1500	2000	21	42	80	YES
HSMD-200SP1500B15 ☐ AYY-FN	380	15000	96	1500	2000	29	58	100	-
HSMD-200SP1500B15 ☐ BYY-FN	380	15000	96	1500	2000	29	58	110	YES
HSMD-200SP2000B15 ☐ AYY-FN	380	20000	127	1500	2000	38.5	77	147	-
HSMD-200SP2000B15 ☐ BYY-FN	380	20000	127	1500	2000	38.5	77	157	YES
HSMD-200SP2200B15 ☐ AYY-FN	380	22000	140	1500	2000	42	84	171	-
HSMD-200SP2200B15 ☐ BYY-FN	380	22000	140	1500	2000	42	84	180	YES

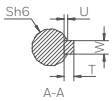
Installation dimension

Unit: mm

Model	Voltage (V)	Power (W)	L	LL	LR	S	QK	U	W	T
Medium inertia										
HSMD-200SP1100B15 ☐ AYY-FN	380	11000	455	373	82	42	56	5	12	8
HSMD-200SP1100B15 ☐ BYY-FN	380	11000	455	373	82	42	56	5	12	8
HSMD-200SP1500B15 ☐ AYY-FN	380	15000	528	446	82	42	56	5	12	8
HSMD-200SP1500B15 ☐ BYY-FN	380	15000	528	446	82	42	56	5	12	8
HSMD-200SP2000B15 ☐ AYY-FN	380	20000	560	478	82	42	56	4	12	8
HSMD-200SP2000B15 ☐ BYY-FN	380	20000	560	478	82	42	56	4	12	8
HSMD-200SP2200B15 ☐ AYY-FN	380	22000	607	525	82	42	56	4	12	8
HSMD-200SP2200B15 ☐ BYY-FN	380	22000	607	525	82	42	56	4	12	8

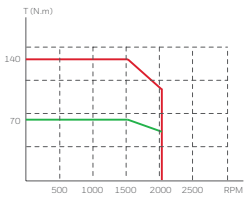




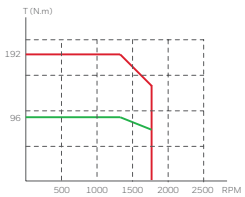


Torque Characteristics

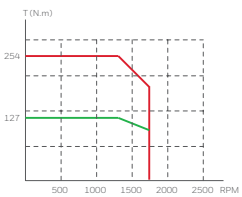
HSMD-200SP110B15☐AYY-A-FNS



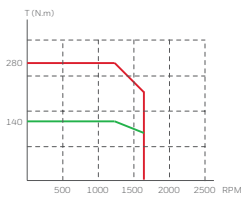
HSMD-200SP150B15☐AYY-A-FNS



HSMD-200SP200B15☐AYY-A-FN



HSMD-200SP220B15☐AYY-A-FN



Servo Motor Specifications and Dimensions

263 flange

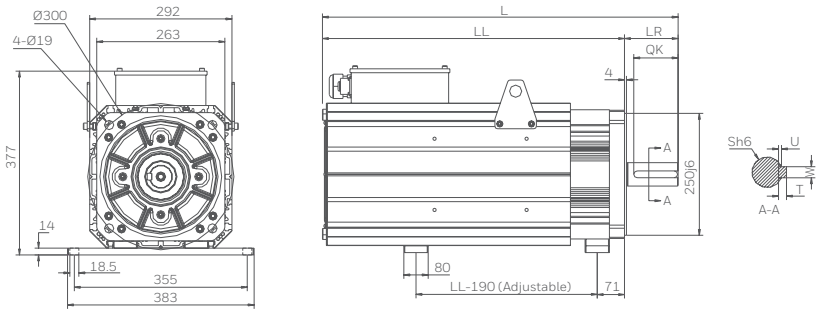
Basic Parameters

Model	Voltage (V)	Power (W)	Rated Torque (N.m)	Rated Speed (RPM)	Max. Speed (RPM)	Rated Current (A)	Max. Current (A)	Rotor Inertia (kg.cm²)	Brake
Medium inertia									
HSMD-260SP3000B15 ☐ AYY-FN	380	30000	191	1500	2000	58	116	372	-
HSMD-260SP3000B15 ☐ BYY-FN	380	30000	191	1500	2000	58	116	382	YES
HSMD-260SP3700B15 ☐ AYY-FN	380	37000	236	1500	2000	72	144	445	-
HSMD-260SP3700B15 ☐ BYY-FN	380	37000	236	1500	2000	72	144	461	YES
HSMD-260SP4500B15 ☐ AYY-FN	380	45000	286	1500	2000	87	174	529	-
HSMD-260SP4500B15 ☐ BYY-FN	380	45000	286	1500	2000	87	174	550	YES

Installation dimension

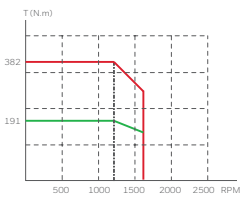
Unit: mm

Model	Voltage (V)	Power (W)	L	LL	LR	S	QK	U	W	T
Medium inertia										
HSMD-260SP3000B15 ☐ AYY-FN	380	30000	640	530	110	48	90	4.5	14	9
HSMD-260SP3000B15 ☐ BYY-FN	380	30000	640	530	110	48	90	4.5	14	9
HSMD-260SP3700B15 ☐ AYY-FN	380	37000	684	574	110	48	90	4.5	14	9
HSMD-260SP3700B15 ☐ BYY-FN	380	37000	684	574	110	48	90	4.5	14	9
HSMD-260SP4500B15 ☐ AYY-FN	380	45000	727	617	110	48	90	4.5	14	9
HSMD-260SP4500B15 ☐ BYY-FN	380	45000	727	617	110	48	90	4.5	14	9

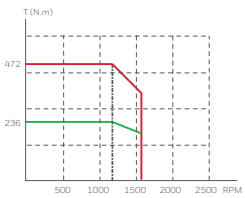


Torque Characteristics

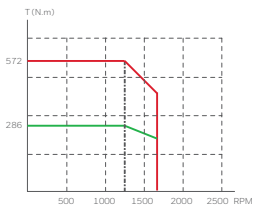
HSMD-260SP300C15☐AYY-A-FN



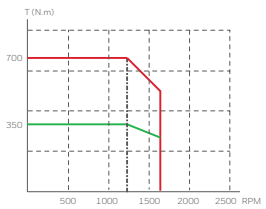
HSMD-260SP370C15☐AYY-A-FN



HSMD-260SP450C15☐AYY-A-FN



HSMD-260SP550C15☐AYY-A-FN



Power Cable Naming Rules

H M 075 - L030 - A N L

Product Series

Power Cable

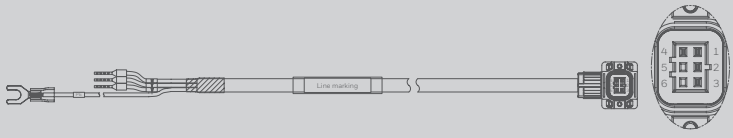
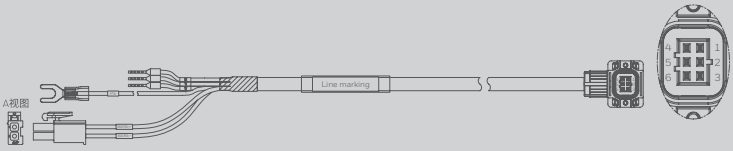
Cable Diameter
030: 0.3mm^2 cable ≤4.5A
050: 0.5mm^2 cable ≤6A
075: 0.75mm^2 cable ≤7A
150: 1.5mm^2 cable ≤11A
250: 2.5mm^2 cable ≤18A
400: 4mm^2 cable ≤30A

Cable length
L030: 3m
L050: 5m
L100: 10m
L150: 15m
L200: 20m
L250: 25m
L300: 30m

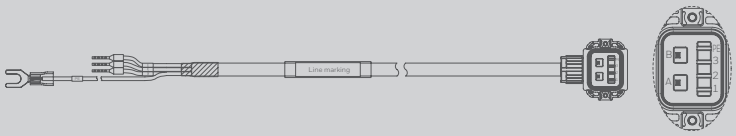
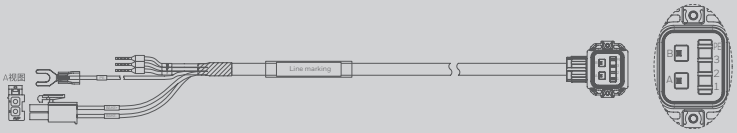
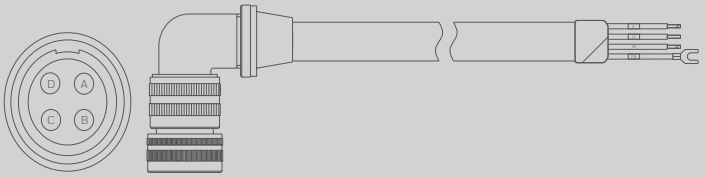
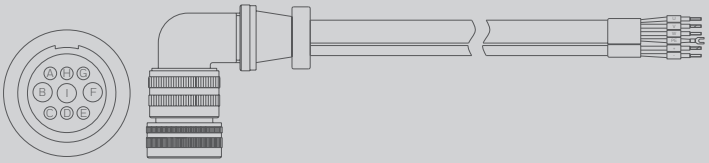
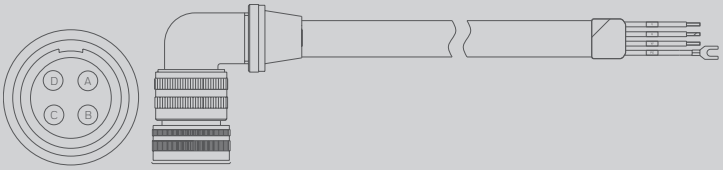
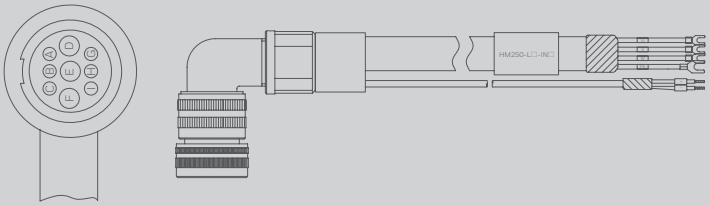
Cable Type
L: Standard cable (over 200W bends)
H: Flexible cable (over 1000W bends)

Drive Interface
N: No
T: Yes

Motor Interface
U: 40 flange
UB: 40 flange with brake 60*80 flange
OB: 60/80 flange with brake
K: 110*130 flange
H: 110/130 flange with brake
M: 180 flange
I: 180 flange with brake

Code: HM01 Power line 40 flange HM030-L☐-UT☐	
Code: HM02 Power line 40 flange, with brake HM030-L☐-UBT☐	

Power Cable Naming Rules

Code: HM03 Power line 60/80 flange HM050-L☐-OT☐	
Code: HM04 Power line 60/ 80 flange, with brake HM050-L☐-OBT☐	
Code: HM05 Power line 110/130 flange HM150-L☐-KN☐ Code: HM07 Power line 130 flange HM250-L☐-KN☐	
Code: HM06 Power line 110/ 130 flange, with brake HM150-L☐-HN☐ Code: HM08 Power line 130 flange, with brake HM250-L☐-HN☐	
Code: HM09 Power line 180 flange HM250-L☐-MN☐ Code: HM11 Power line 180 flange HM400-L☐-MN☐	
Code: HM10 Power line 180 flange, with brake HM250-L☐-IN☐ Code: HM12 Power line 180 flange, with brake HM400-L☐-IN☐	

Encoder Cable Naming Rules

H E 06 - L030 - 2 A N L

Product Series

Encoder Cable

Line No.
04: 4-core shielded twisted pair cable
06: 6-core shielded twisted pair cable

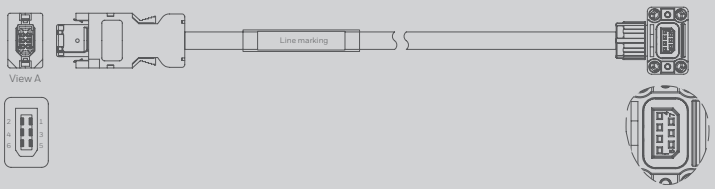
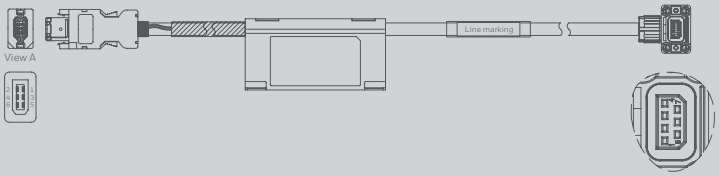
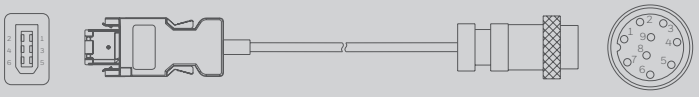
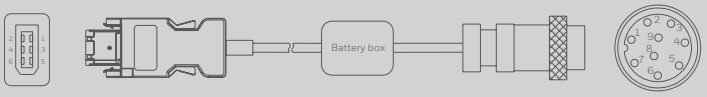
Cable length
L030: 3m
L050: 5m
L100: 10m
L150: 15m
L200: 20m
L250: 25m
L300: 30m

Drive Interface
2: 6PIN 1394

Motor Interface
S: 40/60/80 flange
A: ≥110 flange

Battery
N: Without battery
D: With battery
F: With the battery box, without battery (BATTERY FREE)

Cable Type
L: Standard cable (over 200W bends)
H: Flexible cable (over 1000W bends)
C: Cold resistant flexible towline cable (-25°C operating environment)

Code: HE01 Power line 40/ 60/80 flange, without brake HE04-L☐-2SN☐	
Code: HE02 Power line 40/60/80 flange, with brake HE06-L☐-2SD☐	
Code: HE03 Power line ≥ 110 flange, without brake HE04-L☐-2AN☐	
Code: HE04 Power line ≥ 110 flange, with brake HE06-L☐-2AD☐	

Servo Motor and Servo Drive Reference

40 flange, 220V					
Motor-Low inertia	Motor-Power	Motor-Current	Drive-Pulse	Drive-Standard	Drive-CANopen
HSMD-40KP010A30☐AYY-A	100W	1A	HS330-0018-2S or	HS330-0018-2S-S	HS330-0018-2S-CAN or
HSMD-40KP010A30☐BYY-A	100W	1A	HS310-0033-2S		HS310-0033-2S-CAN

60 flange, 220V					
Motor-Low inertia	Motor-Power	Motor-Current	Drive-Pulse	Drive-Standard	Drive-CANopen
HSMD-60KP020A30☐AYY-A	200W	1.7A	HS330-0018-2S or	HS330-0018-2S-S	HS330-0018-2S-CAN or
HSMD-60KP020A30☐BYY-A	200W	1.7A	HS310-0033-2S		HS310-0033-2S-CAN
HSMD-60KP040A30☐AYY-A	400W	2.6A	HS330-0033-2S or	HS330-0033-2S-S	HS330-0033-2S-CAN or
HSMD-60KP040A30☐BYY-A	400W	2.6A	HS310-0033-2S		HS310-0033-2S-CAN
HSMD-60KP060A30☐AYY-A	600W	3.3A	HS330-0033-2S or	HS330-0033-2S-S	HS330-0033-2S-CAN or
HSMD-60KP060A30☐BYY-A	600W	3.3A	HS310-0033-2S		HS310-0033-2S-CAN

Motor-Medium inertia	Motor-Power	Motor-Current	Drive-Pulse	Drive-Standard	Drive-CANopen
HSMD-60SP040A30☐AYY-A	400W	2.6A	HS330-0033-2S or	HS330-0033-2S-S	HS330-0033-2S-CAN or
HSMD-60SP040A30☐BYY-A	400W	2.6A	HS310-0033-2S		HS310-0033-2S-CAN

80 flange, 220V					
Motor-Low inertia	Motor-Power	Motor-Current	Drive-Pulse	Drive-Standard	Drive-CANopen
HSMD-80KP075A30☐AYY-A	750W	4.6A	HS330-0055-2S/T or	HS330-0055-2S/T-S	HS330-0055-2S/T-CAN or
HSMD-80KP075A30☐BYY-A	750W	4.6A	HS310-0055-2S/T		HS310-0055-2S/T-CAN
HSMD-80KP075A30☐AYY-AL	750W	3.1A	HS330-0033-2S or	HS330-0033-2S-S	HS330-0033-2S-CAN or
HSMD-80KP075A30☐BYY-AL	750W	3.1A	HS310-0033-2S		HS310-0033-2S-CAN
HSMD-80KP075A20☐AYY-AL	750W	2.8A	HS330-0033-2S or	HS330-0033-2S-S	HS330-0033-2S-CAN or
HSMD-80KP075A20☐BYY-AL	750W	2.8A	HS310-0033-2S		HS310-0033-2S-CAN
HSMD-80KP100A30☐AYY-A	1KW	5A	HS330-0055-2S/T or	HS330-0055-2S/T-S	HS330-0055-2S/T-CAN or
HSMD-80KP100A30☐BYY-A	1KW	5A	HS310-0055-2S/T		HS310-0055-2S/T-CAN

Motor-Medium inertia	Motor-Power	Motor-Current	Drive-Pulse	Drive-Standard	Drive-CANopen
HSMD-80SP075A30☐AYY-A	750W	4.6A	HS330-0055-2S/T or	HS330-0055-2S/T-S	HS330-0055-2S/T-CAN or
HSMD-80SP075A30☐BYY-A	750W	4.6A	HS310-0055-2S/T		HS310-0055-2S/T-CAN
HSMD-80SP075A30☐AYY-AL	750W	3.3A	HS330-0033-2S or	HS330-0033-2S-S	HS330-0033-2S-CAN or
HSMD-80SP075A30☐BYY-AL	750W	3.3A	HS310-0033-2S		HS310-0033-2S-CAN

110 flange, 220V					
Motor-Medium inertia	Motor-Power	Motor-Current	Drive-Pulse	Drive-Standard	Drive-CANopen
HSMD-110SP120A30☐AYY-A	1.2KW	6.3A	HS330-0055-2S/T or	HS330-0055-2S/T-S	HS330-0055-2S/T-CAN or
HSMD-110SP120A30☐BYY-A	1.2KW	6.3A	HS310-0055-2S/T		HS310-0055-2S/T-CAN
HSMD-110SP150A30☐AYY-A	1.5KW	7.6A	HS330-0076-2S/T or	HS330-0076-2S/T-S	HS330-0076-2S/T-CAN
HSMD-110SP150A30☐BYY-A	1.5KW	7.6A	HS310-0076-2S/T		
HSMD-110SP180A30☐AYY-A	1.8KW	9.3A	HS330-0095-2S/T or	HS330-0095-2S/T-S	HS330-0095-2S/T-CAN
HSMD-110SP180A30☐BYY-A	1.8KW	9.3A	HS310-0095-2S/T		

	Drive-EtherCAT	Drive-profnet	Drive-MECHATRO LINK II	Drive-MECHATRO LINK III	Power line	Interface	Encoder Cable	Interface
	HS330-0018-2S-ECT or HS310-0033-2S-ECT	HS330-0018-2S-PN	HS330-0018-2S-ML2	HS330-0018-2S-ML3	HM01	U	HE01/ HE02	S
					HM02	UB		

	Drive-EtherCAT	Drive-profnet	Drive-MECHATRO LINK II	Drive-MECHATRO LINK III	Power line	Interface	Encoder Cable	Interface
	HS330-0018-2S-ECT or HS310-0033-2S-ECT	HS330-0018-2S-PN	HS330-0018-2S-ML2	HS330-0018-2S-ML3	HM03	O	HE01/ HE02	S
					HM04	OB		
	HS330-0033-2S-ECT or HS310-0033-2S-ECT	HS330-0033-2S-PN	HS330-0033-2S-ML2	HS330-0033-2S-ML3	HM03	O	HE01/ HE02	S
					HM04	OB		
	HS330-0033-2S-ECT or HS310-0033-2S-ECT	HS330-0033-2S-PN	HS330-0033-2S-ML2	HS330-0033-2S-ML3	HM03	O	HE01/ HE02	S
					HM04	OB		

	Drive-EtherCAT	Drive-profnet	Drive-MECHATRO LINK II	Drive-MECHATRO LINK III	Power line	Interface	Encoder Cable	Interface
	HS330-0033-2S-ECT or HS310-0033-2S-ECT	HS330-0033-2S-PN	HS330-0033-2S-ML2	HS330-0033-2S-ML3	HM03	O	HE01/ HE02	S
					HM04	OB		

	Drive-EtherCAT	Drive-profnet	Drive-MECHATRO LINK II	Drive-MECHATRO LINK III	Power line	Interface	Encoder Cable	Interface
	HS330-0055-2S/T-ECT or HS310-0055-2S/T-ECT	HS330-0055-2S/T-PN	HS330-0055-2S/T-ML2	HS330-0055-2S/T-ML3	HM03	O	HE01/ HE02	S
					HM04	OB		
	HS330-0033-2S-ECT or HS310-0033-2S-ECT	HS330-0033-2S-PN	HS330-0033-2S-ML2	HS330-0033-2S-ML3	HM03	O	HE01/ HE02	S
					HM04	OB		
	HS330-0033-2S-ECT or HS310-0033-2S-ECT	HS330-0033-2S-PN	HS330-0033-2S-ML2	HS330-0033-2S-ML3	HM03	O	HE01/ HE02	S
					HM04	OB		
	HS330-0055-2S/T-ECT or HS310-0055-2S/T-ECT	HS330-0055-2S/T-PN	HS330-0055-2S/T-ML2	HS330-0055-2S/T-ML3	HM03	O	HE01/ HE02	S
					HM04	OB		

	Drive-EtherCAT	Drive-profnet	Drive-MECHATRO LINK II	Drive-MECHATRO LINK III	Power line	Interface	Encoder Cable	Interface
	HS330-0055-2S/T-ECT or HS310-0055-2S/T-ECT	HS330-0055-2S/T-PN	HS330-0055-2S/T-ML2	HS330-0055-2S/T-ML3	HM03	O	HE01/ HE02	S
					HM04	OB		
	HS330-0033-2S-ECT or HS310-0033-2S-ECT	HS330-0033-2S-PN	HS330-0033-2S-ML2	HS330-0033-2S-ML3	HM03	O	HE01/ HE02	S
					HM04	OB		

	Drive-EtherCAT	Drive-profnet	Drive-MECHATRO LINK II	Drive-MECHATRO LINK III	Power line	Interface	Encoder Cable	Interface
	HS330-0055-2S/T-ECT or HS310-0055-2S/T-ECT	HS330-0055-2S/T-PN	HS330-0055-2S/T-ML2	HS330-0055-2S/T-ML3	HM05	K	HE03/ HE04	A
					HM06	H		
	HS330-0076-2S/T-ECT or HS310-0076-2S/T-ECT	HS330-0076-2S/T-PN	HS330-0076-2S/T-ML2	HS330-0076-2S/T-ML3	HM05	K	HE03/ HE04	A
					HM06	H		
	HS330-0095-2S/T-ECT or HS310-0095-2S/T-ECT	HS330-0095-2S/T-PN	HS330-0095-2S/T-ML2	HS330-0095-2S/T-ML3	HM05	K	HE03/ HE04	A
					HM06	H		

Servo Motor and Servo Drive Reference

130 flange, 220V					
Motor-Medium inertia	Motor-Power	Motor-Current	Drive-Pulse	Drive-Standard	Drive-CANopen
HSMD-130SP085A15□AYY-A	850W	5.4A	HS330-0055-2S/T or HS310-0055-2S/T	HS330-0055-2S/T-S	HS330-0055-2S/T-CAN or HS310-0055-2S/T-CAN
HSMD-130SP085A15□BYY-A	850W	5.4A			
HSMD-130SP100A20□AYY-A	1KW	4.9A	HS330-0055-2S/T or HS310-0055-2S/T	HS330-0055-2S/T-S	HS330-0055-2S/T-CAN or HS310-0055-2S/T-CAN
HSMD-130SP100A20□BYY-A	1KW	4.9A			
HSMD-130SP130A15□AYY-A	1.3KW	8.2A	HS330-0095-2S/T or HS310-0095-2S/T	HS330-0095-2S/T-S	HS330-0095-2S/T-CAN
HSMD-130SP130A15□BYY-A	1.3KW	8.2A			
HSMD-130SP150A20□AYY-A	1.5KW	7.1A	HS330-0076-2S/T or HS310-0076-2S/T	HS330-0076-2S/T-S	HS330-0076-2S/T-CAN
HSMD-130SP150A20□BYY-A	1.5KW	7.1A			
HSMD-130SP180A15□AYY-A	1.8KW	10.9A	HS330-0120-2T	HS330-0120-2T-S	HS330-0120-2T-CAN
HSMD-130SP180A15□BYY-A	1.8KW	10.9A			
HSMD-130SP200A20□AYY-A	2KW	9.4A	HS330-0095-2S/T or HS310-0095-2S/T	HS330-0095-2S/T-S	HS330-0095-2S/T-CAN
HSMD-130SP200A20□BYY-A	2KW	9.4A			
HSMD-130SP230A15□AYY-AL	2.3KW	9.5A	HS330-0095-2S/T or HS310-0095-2S/T	HS330-0095-2S/T-S	HS330-0095-2S/T-CAN
HSMD-130SP230A15□BYY-AL	2.3KW	9.5A			
HSMD-130SP300A20□AYY-A	3KW	14A	HS330-0160-2T	HS330-0160-2T-S	HS330-0160-2T-CAN
HSMD-130SP300A20□BYY-A	3KW	14A			

130 flange, 380V					
Motor-Medium inertia	Motor-Power	Motor-Current	Drive-Pulse	Drive-Standard	Drive-CANopen
HSMD-130SP085B15□AYY-A	850W	3.3A	HS330-0038-4T or HS310-0038-4T	HS330-0038-4T-S	HS330-0038-4T-CAN
HSMD-130SP085B15□BYY-A	850W	3.3A			
HSMD-130SP100B20□AYY-A	1KW	3.2A	HS330-0038-4T or HS310-0038-4T	HS330-0038-4T-S	HS330-0038-4T-CAN
HSMD-130SP100B20□BYY-A	1KW	3.2A			
HSMD-130SP130B15□AYY-A	1.3KW	4.8A	HS330-0060-4T	HS330-0060-4T-S	HS330-0060-4T-CAN
HSMD-130SP130B15□BYY-A	1.3KW	4.8A			
HSMD-130SP150B20□AYY-A	1.5KW	4.4A	HS330-0060-4T	HS330-0060-4T-S	HS330-0060-4T-CAN
HSMD-130SP150B20□BYY-A	1.5KW	4.4A			
HSMD-130SP180B15□AYY-A	1.8KW	6.6A	HS330-0084-4T	HS330-0084-4T-S	HS330-0084-4T-CAN
HSMD-130SP180B15□BYY-A	1.8KW	6.6A			
HSMD-130SP200B20□AYY-A	2KW	5.5A	HS330-0060-4T	HS330-0060-4T-S	HS330-0060-4T-CAN
HSMD-130SP200B20□BYY-A	2KW	5.5A			
HSMD-130SP230B15□AYY-AL	2.3KW	5.6A	HS330-0060-4T	HS330-0060-4T-S	HS330-0060-4T-CAN
HSMD-130SP230B15□BYY-AL	2.3KW	5.6A			
HSMD-130SP300B20□AYY-A	3KW	8.3A	HS330-0084-4T	HS330-0084-4T-S	HS330-0084-4T-CAN
HSMD-130SP300B20□BYY-A	3KW	8.3A			

	Drive-EtherCAT	Drive-profnet	Drive-MECHATRO LINK II	Drive-MECHATRO LINK III	Power line	Interface	Encoder Cable	Interface
	HS330-0055-2S/T-ECT or HS310-0055-2S/T-ECT	HS330-0055-2S/T-PN	HS330-0055-2S/T-ML2	HS330-0055-2S/T-ML3	HM05	K	HE03/ HE04	A
					HM06	H		
	HS330-0055-2S/T-ECT or HS310-0055-2S/T-ECT	HS330-0055-2S/T-PN	HS330-0055-2S/T-ML2	HS330-0055-2S/T-ML3	HM05	K	HE03/ HE04	A
					HM06	H		
	HS330-0095-2S/T-ECT or HS310-0095-2S/T-ECT	HS330-0095-2S/T-PN	HS330-0095-2S/T-ML2	HS330-0095-2S/T-ML3	HM05	K	HE03/ HE04	A
					HM06	H		
	HS330-0076-2S/T-ECT or HS310-0076-2S/T-ECT	HS330-0076-2S/T-PN	HS330-0076-2S/T-ML2	HS330-0076-2S/T-ML3	HM05	K	HE03/ HE04	A
					HM06	H		
	HS330-0120-2T-ECT	HS330-0120-2T-PN	HS330-0120-2T-ML2	HS330-0120-2T-ML3	HM05	K	HE03/ HE04	A
					HM06	H		
	HS330-0095-2S/T-ECT or HS310-0095-2S/T-ECT	HS330-0095-2S/T-PN	HS330-0095-2S/T-ML2	HS330-0095-2S/T-ML3	HM05	K	HE03/ HE04	A
					HM06	H		
	HS330-0095-2S/T-ECT or HS310-0095-2S/T-ECT	HS330-0095-2S/T-PN	HS330-0095-2S/T-ML2	HS330-0095-2S/T-ML3	HM07	K	HE03/ HE04	A
					HM08	H		
	HS330-0160-2T-ECT	HS330-0160-2T-PN	HS330-0160-2T-ML2	HS330-0160-2T-ML3	HM07	K	HE03/ HE04	A
					HM08	H		

	Drive-EtherCAT	Drive-profnet	Drive-MECHATRO LINK II	Drive-MECHATRO LINK III	Power line	Interface	Encoder Cable	Interface
	HS330-0038-4T-ECT or HS310-0038-4T-ECT	HS330-0038-4T-PN	HS330-0038-4T-ML2	HS330-0038-4T-ML3	HM05	K	HE03/ HE04	A
					HM06	H		
	HS330-0038-4T-ECT or HS310-0038-4T-ECT	HS330-0038-4T-PN	HS330-0038-4T-ML2	HS330-0038-4T-ML3	HM05	K	HE03/ HE04	A
					HM06	H		
	HS330-0060-4T-ECT	HS330-0060-4T-PN	HS330-0060-4T-ML2	HS330-0060-4T-ML3	HM05	K	HE03/ HE04	A
					HM06	H		
	HS330-0060-4T-ECT	HS330-0060-4T-PN	HS330-0060-4T-ML2	HS330-0060-4T-ML3	HM05	K	HE03/ HE04	A
					HM06	H		
	HS330-0084-4T-ECT	HS330-0084-4T-PN	HS330-0084-4T-ML2	HS330-0084-4T-ML3	HM05	K	HE03/ HE04	A
					HM06	H		
	HS330-0060-4T-ECT	HS330-0060-4T-PN	HS330-0060-4T-ML2	HS330-0060-4T-ML3	HM05	K	HE03/ HE04	A
					HM06	H		
	HS330-0060-4T-ECT	HS330-0060-4T-PN	HS330-0060-4T-ML2	HS330-0060-4T-ML3	HM05	K	HE03/ HE04	A
					HM06	H		
	HS330-0084-4T-ECT	HS330-0084-4T-PN	HS330-0084-4T-ML2	HS330-0084-4T-ML3	HM05	K	HE03/ HE04	A
					HM06	H		

Servo Motor and Servo Drive Reference

180 flange, 220V					
Motor-Medium inertia	Motor-Power	Motor-Current	Drive-Pulse	Drive-Standard	Drive-CANopen
HSMD-180SP290A15□AYY-A	2.9KW	12A	HS330-0120-2T	HS330-0120-2T-S	HS330-0120-2T-CAN
HSMD-180SP290A15□BYY-A	2.9KW	12A			
HSMD-180SP440A15□AYY-A	4.4KW	16A	HS330-0160-2T	HS330-0160-2T-S	HS330-0160-2T-CAN
HSMD-180SP440A15□BYY-A	4.4KW	16A			

180 flange, 380V					
Motor-Medium inertia	Motor-Power	Motor-Current	Drive-Pulse	Drive-Standard	Drive-CANopen
HSMD-180SP290B15□AYY-A	2.9KW	7.1A	HS330-0084-4T	HS330-0084-4T-S	HS330-0084-4T-CAN
HSMD-180SP290B15□BYY-A	2.9KW	7.1A			
HSMD-180SP440B15□AYY-A	4.4KW	10.9A	HS330-0110-4T	HS330-0110-4T-S	HS330-0110-4T-CAN
HSMD-180SP440B15□BYY-A	4.4KW	10.9A			
HSMD-180SP550B15□AYY-A	5.5KW	13.4A	HS330-0170-4T	HS330-0170-4T-S	HS330-0170-4T-CAN
HSMD-180SP550B15□BYY-A	5.5KW	13.4A			
HSMD-180SP750B15□AYY-A	7.5KW	17A	HS330-0240-4T	HS330-0240-4T-S	HS330-0240-4T-CAN
HSMD-180SP750B15□BYY-A	7.5KW	17A			

200 flange, 380V					
Motor-Medium inertia	Motor-Power	Motor-Current	Drive-Pulse	Drive-Standard	Drive-CANopen
HSMD-200SP1100B15□AYY-FN	11KW	21A	HS330-0240-4T	HS330-0240-4T-S	HS330-0240-4T-CAN
HSMD-200SP1100B15□BYY-FN	11KW	21A			
HSMD-200SP1500B15□AYY-FN	15KW	29A	HS330-0300-4T	HS330-0300-4T-S	HS330-0300-4T-CAN
HSMD-200SP1500B15□BYY-FN	15KW	29A			
HSMD-200SP2000B15□AYY-FN	20KW	38.5A	HS330-0400-4T	HS330-0400-4T-S	HS330-0400-4T-CAN
HSMD-200SP2000B15□BYY-FN	20KW	38.5A			
HSMD-200SP2200B15□AYY-FN	22KW	42A	HS330-0500-4T	HS330-0500-4T-S	HS330-0500-4T-CAN
HSMD-200SP2200B15□BYY-FN	22KW	42A			

263 flange, 380V					
Motor-Medium inertia	Motor-Power	Motor-Current	Drive-Pulse	Drive-Standard	Drive-CANopen
HSMD-260SP3000B15□AYY-FN	30KW	58A	HS330-0600-4T	HS330-0600-4T-S	HS330-0600-4T-CAN
HSMD-260SP3000B15□BYY-FN	30KW	58A			
HSMD-260SP3700B15□AYY-FN	37KW	72A	HS330-0700-4T	HS330-0700-4T-S	HS330-0700-4T-CAN
HSMD-260SP3700B15□BYY-FN	37KW	72A			
HSMD-260SP4500B15□AYY-FN	45KW	87A	HS330-1210-4T	HS330-1210-4T-S	HS330-1210-4T-CAN
HSMD-260SP4500B15□BYY-FN	45KW	87A			

	Drive-EtherCAT	Drive-profnet	Drive-MECHATRO LINK II	Drive-MECHATRO LINK III	Power line	Interface	Encoder Cable	Interface
	HS330-0120-2T-ECT	HS330-0120-2T-PN	HS330-0120-2T-ML2	HS330-0120-2T-ML3	HM09	M	HE03/ HE04	A
					HM10	I		
	HS330-0160-2T-ECT	HS330-0160-2T-PN	HS330-0160-2T-ML2	HS330-0160-2T-ML3	HM09	M	HE03/ HE04	A
					HM10	I		

	Drive-EtherCAT	Drive-profnet	Drive-MECHATRO LINK II	Drive-MECHATRO LINK III	Power line	Interface	Encoder Cable	Interface
	HS330-0084-4T-ECT	HS330-0084-4T-PN	HS330-0084-4T-ML2	HS330-0084-4T-ML3	HM09	M	HE03/ HE04	A
					HM10	I		
	HS330-0110-4T-ECT	HS330-0110-4T-PN	HS330-0110-4T-ML2	HS330-0110-4T-ML3	HM09	M	HE03/ HE04	A
					HM10	I		
	HS330-0170-4T-ECT	HS330-0170-4T-PN	HS330-0170-4T-ML2	HS330-0170-4T-ML3	HM09	M	HE03/ HE04	A
					HM10	I		
	HS330-0240-4T-ECT	HS330-0240-4T-PN	HS330-0240-4T-ML2	HS330-0240-4T-ML3	HM09	M	HE03/ HE04	A
					HM10	I		

	Drive-EtherCAT	Drive-profnet	Drive-MECHATRO LINK II	Drive-MECHATRO LINK III	Power line	Interface	Encoder Cable	Interface
	HS330-0240-4T-ECT	HS330-0240-4T-PN	HS330-0240-4T-ML2	HS330-0240-4T-ML3	HM11	M	HE03/ HE04	A
					HM12	I		
	HS330-0300-4T-ECT	HS330-0300-4T-PN	HS330-0300-4T-ML2	HS330-0300-4T-ML3	HM11	M	HE03/ HE04	A
					HM12	I		
	HS330-0400-4T-ECT	HS330-0400-4T-PN	HS330-0400-4T-ML2	HS330-0400-4T-ML3	HM11	M	HE03/ HE04	A
					HM12	I		
	HS330-0500-4T-ECT	HS330-0500-4T-PN	HS330-0500-4T-ML2	HS330-0500-4T-ML3	HM11	M	HE03/ HE04	A
					HM12	I		

	Drive-EtherCAT	Drive-profnet	Drive-MECHATRO LINK II	Drive-MECHATRO LINK III	Power line	Interface	Encoder Cable	Interface
	HS330-0600-4T-ECT	HS330-0600-4T-PN	HS330-0600-4T-ML2	HS330-0600-4T-ML3	HM11	M	HE03/ HE04	A
					HM12	I		
	HS330-0700-4T-ECT	HS330-0700-4T-PN	HS330-0700-4T-ML2	HS330-0700-4T-ML3	HM11	M	HE03/ HE04	A
					HM12	I		
	HS330-1210-4T-ECT	HS330-1210-4T-PN	HS330-1210-4T-ML2	HS330-1210-4T-ML3	HM11	M	HE03/ HE04	A
					HM12	I		

Honeywell Motor Drive & Control

GTS Drive System (Suzhou) Co., Ltd.

Contact Us: info@honeywellmdc.com

F301, Building 7, Pujiang Intelligent Valley, No. 1188 Lianhang Road, Minhang District, Shanghai, China.

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