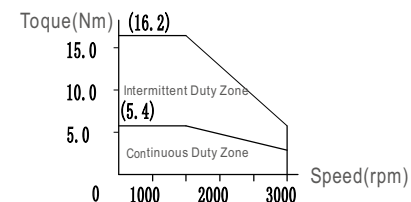
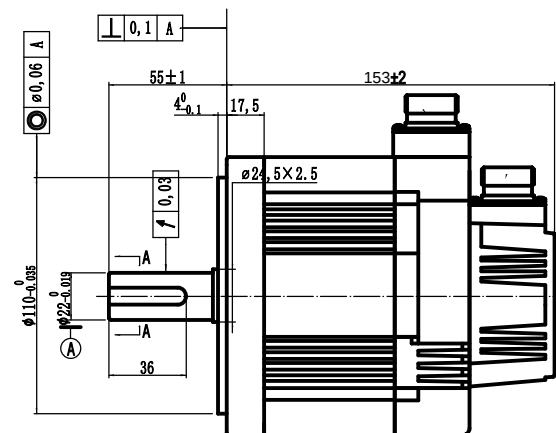
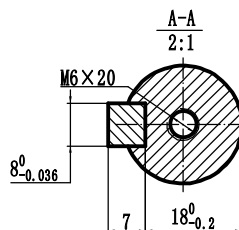
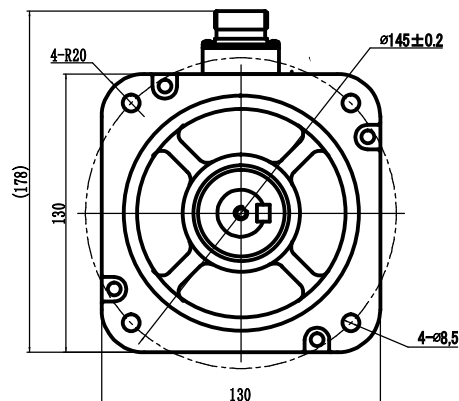
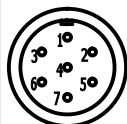


Rated Voltage (Vac)	380
Rated Power (w)	850
Rated Torque (N.m)	5.4
Peak Torque (N.m)	16.2
Rated Speed (rpm)	1500
Peak Speed (rpm)	3000
Rated Current (Amp)	3.5
Peak Current (Amp)	10.5
Torque Const (N.m/Amp)	1.54
Back EMF Const (V/krpm)	110
Resistance (Ω)	3.6±10%
Inductance (mH)	18±20%
Inertia (kg*m ² *10 ⁻⁴)	13.88
Poles	10
Encoder type	23bit absolute
IP rating	IP65
Mass (Kg)	5.6



Wiring details of Power cable connector				
Pos	1	2	3	4
Signal	PE	U	V	W



Wiring details of encoder cable connector							
Pos	1	2	3	4	5	6	7
Signal	PE	5V	0V	SD+	SD-	BAT+	BAT-

Connector Code Of Extension Cable Side

Type	Winding Connector	Encoder Connector	Brake Connector
Connector	YD28K4TSJ	YD28K7TSJ	-

Connector Code Of Motor Side

Type	Winding Connector	Encoder Connector	Brake Connector
Connector	YD28J4Z	YD28J7Z	-

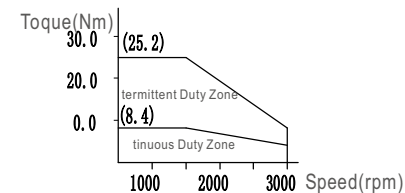
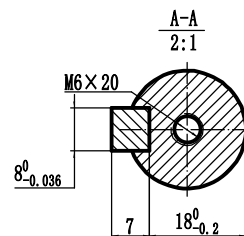
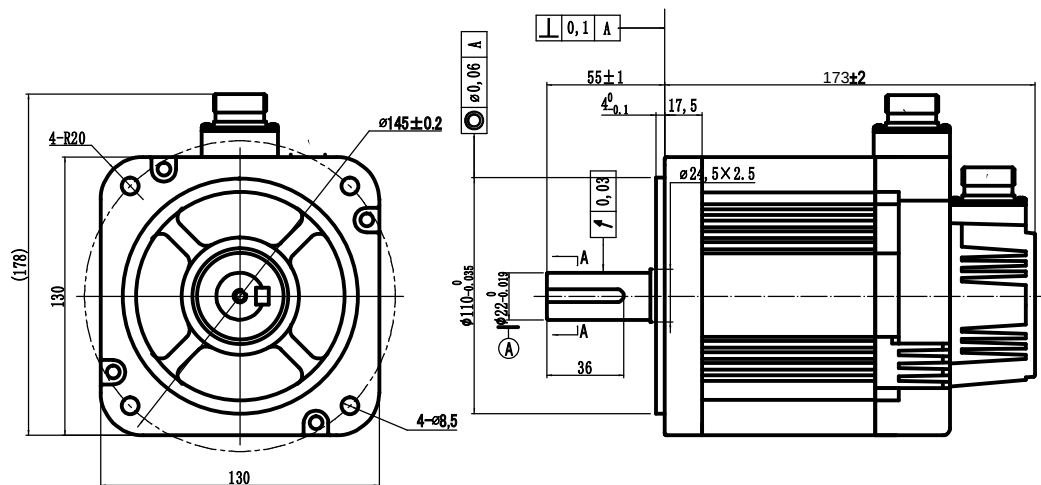
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ELM2H-0850LD130FT-H

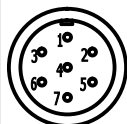
130mm , high inertia , 850w servo motor
23bit multi-turn absolute encoder , no brake

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Rated Voltage (Vac)	380
Rated Power (w)	1300
Rated Torque (N.m)	8.4
Peak Torque (N.m)	25.2
Rated Speed (rpm)	1500
Peak Speed (rpm)	3000
Rated Current (Amp)	4.8
Peak Current (Amp)	14.4
Torque Const (N.m/Amp)	1.75
Back EMF Const (V/krpm)	119
Resistance (Ω)	2±10%
Inductance (mH)	11.9±20%
Inertia (kg*m ² *10 ⁻⁴)	20.59
Poles	10
Encoder type	23bit absolute
IP rating	IP65
Mass (Kg)	7.5



Wiring details of Power cable connector				
Pos	1	2	3	4
Signal	PE	U	V	W



Wiring details of encoder cable connector							
Pos	1	2	3	4	5	6	7
Signal	PE	5V	0V	SD+	SD-	BAT+	BAT-

Connector Code Of Extension Cable Side

Type	Winding Connector	Encoder Connector	Brake Connector
Connector	YD28K4TSJ	YD28K7TSJ	-

Connector Code Of Motor Side

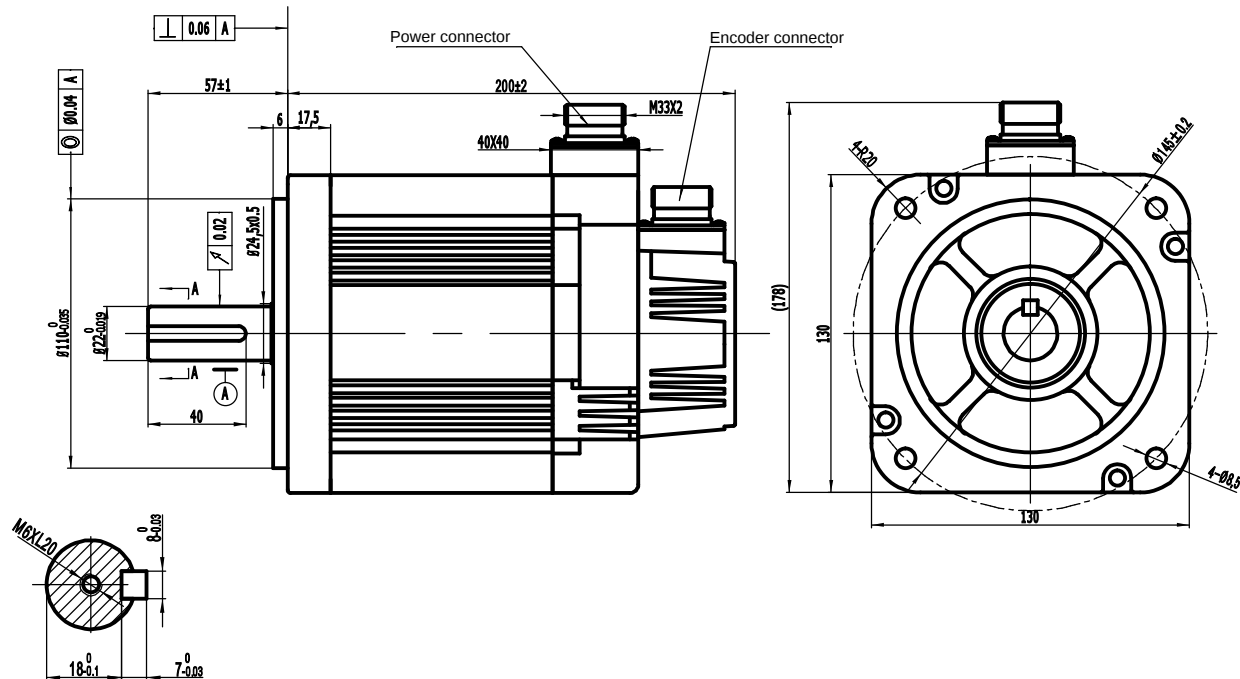
Type	Winding Connector	Encoder Connector	Brake Connector
Connector	YD28J4Z	YD28J7Z	-

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ELM2H-1300LD130FT-H

130mm , high inertia , 1300w servo motor
23bit multi-turn absolute encoder , no brake

Rated Voltage (Vac)	380
Rated Power (w)	1800
Rated Torque (N.m)	11.5
Peak Torque (N.m)	34.5
Rated Speed (rpm)	1500
Peak Speed (rpm)	3000
Rated Current (Amp)	8.2
Peak Current (Amp)	24.6
Torque Const (N.m/Amp)	1.4
Back EMF Const (V/krpm)	96.5
Resistance (Ω)	0.82
Inductance (mH)	5.41
Inertia (kg*m ² *10 ⁻⁴)	31.15
Poles	10
Encoder type	23bit optical
IP rating	IP67
Mass (Kg)	10



Power connector



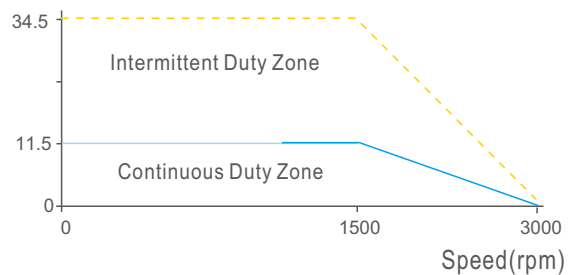
Wiring details of Power cable connector				
Pos	1	2	3	4
Signal	PE	U	V	W
Color	Yel/Gre	red	yellow	blue

Encoder connector



Wiring details of encoder cable connector							
Pos	1	2	3	4	5	6	7
Signal	PE	5V	0V	SD+	SD-	VB	GND
Color	shield	red	black	blue	blue/black	brown	brown/black

Torque(Nm)

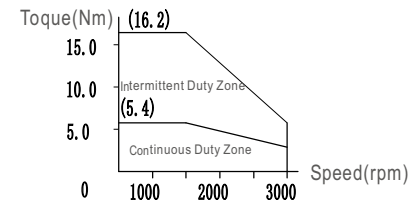
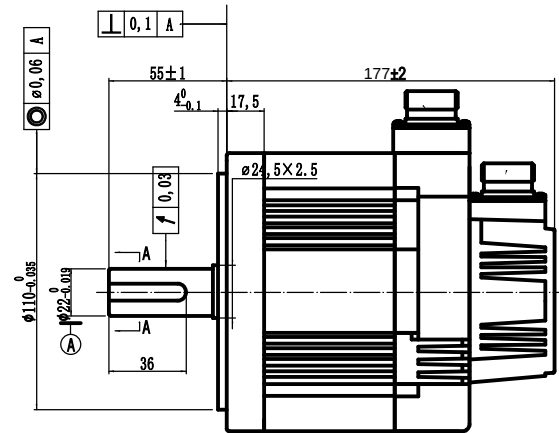
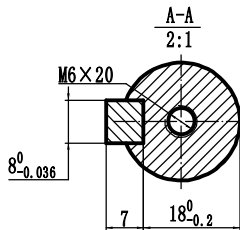
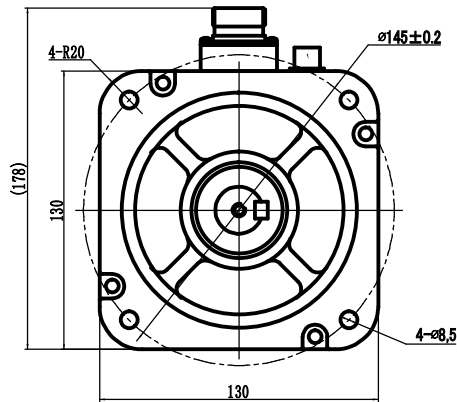


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ELM2H-1800LD130FT-H

130 mm,high inertia 1800w servo motor
23bit optical encoder, no brake
MS10

Rated Voltage (Vac)	380
Rated Power (w)	850
Rated Torque (N.m)	5.4
Peak Torque (N.m)	16.2
Rated Speed (rpm)	1500
Peak Speed (rpm)	3000
Rated Current (Amp)	3.5
Peak Current (Amp)	10.5
Torque Const (N.m/Amp)	1.54
Back EMF Const (V/krpm)	110
Resistance (Ω)	3.6±10%
Inductance (mH)	18±20%
Inertia (kg*m ² *10 ⁻⁴)	15.78
Poles	10
Encoder type	23bit absolute
IP rating	IP65
Mass (Kg)	6.9



Wring details of Brake cable connector		
Pos	1	2
Signal	0V	24V



Wiring details of Power cable connector				
Pos	1	2	3	4
Signal	PE	U	V	W



Wiring details of encoder cable connector							
Pos	1	2	3	4	5	6	7
Signal	PE	5V	0V	SD+	SD-	BAT+	BAT-

Connector Code Of Extension Cable Side

Type	Winding Connector	Encoder Connector	Brake Connector
Connector	YD28K4TSJ	YD28K7TSJ	XS12K3P

Connector Code Of Motor Side

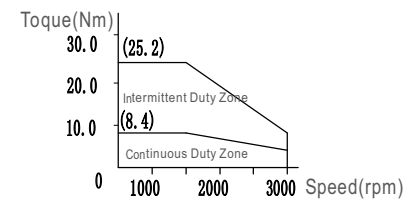
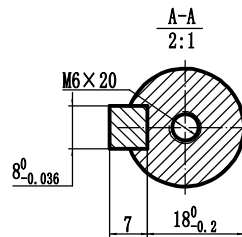
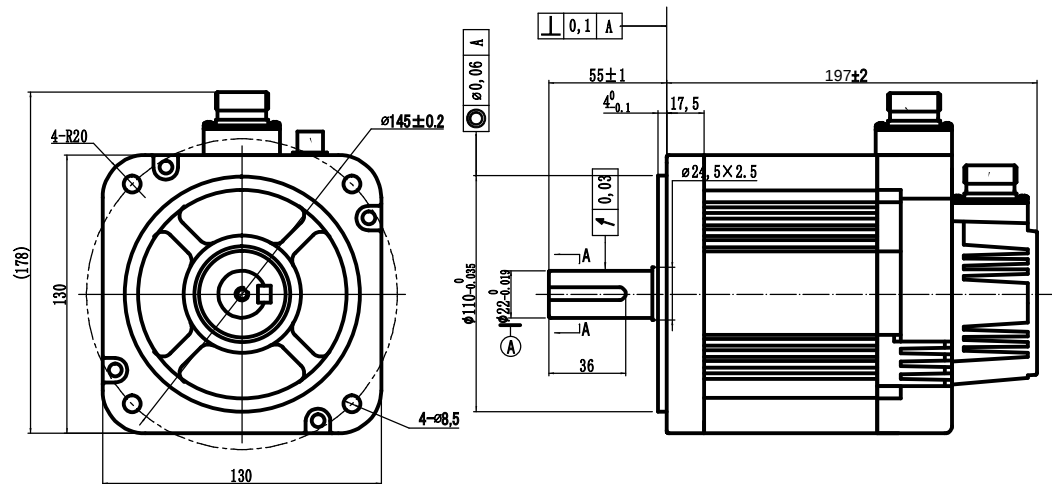
Type	Winding Connector	Encoder Connector	Brake Connector
Connector	YD28J4Z	YD28J7Z	XS12J3Y

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ELM2H-0850LD130ET-H

130mm , high inertia , 850w servo motor
23bit multi-turn absolute encoder , brake

Rated Voltage (Vac)	380
Rated Power (w)	1300
Rated Torque (N.m)	8.4
Peak Torque (N.m)	25.2
Rated Speed (rpm)	1500
Peak Speed (rpm)	3000
Rated Current (Amp)	4.8
Peak Current (Amp)	14.4
Torque Const (N.m/Amp)	1.75
Back EMF Const (V/krpm)	119
Resistance (Ω)	2±10%
Inductance (mH)	11.9±20%
Inertia (kg*m ² *10 ⁻⁴)	22.26
Poles	10
Encoder type	23bit absolute
IP rating	IP65
Mass (Kg)	8.8



Wring details of Brake cable connector		
Pos	1	2
Signal	0V	24V

Wiring details of Power cable connector				
Pos	1	2	3	4
Signal	PE	U	V	W

Wiring details of encoder cable connector							
Pos	1	2	3	4	5	6	7
Signal	PE	5V	0V	SD+	SD-	BAT+	BAT-

Connector Code Of Extension Cable Side			
Type	Winding Connector	Encoder Connector	Brake Connector
Connector	YD28K4TSJ	YD28K7TSJ	XS12K3P

Connector Code Of Motor Side			
Type	Winding Connector	Encoder Connector	Brake Connector
Connector	YD28J4Z	YD28J7Z	XS12J3Y

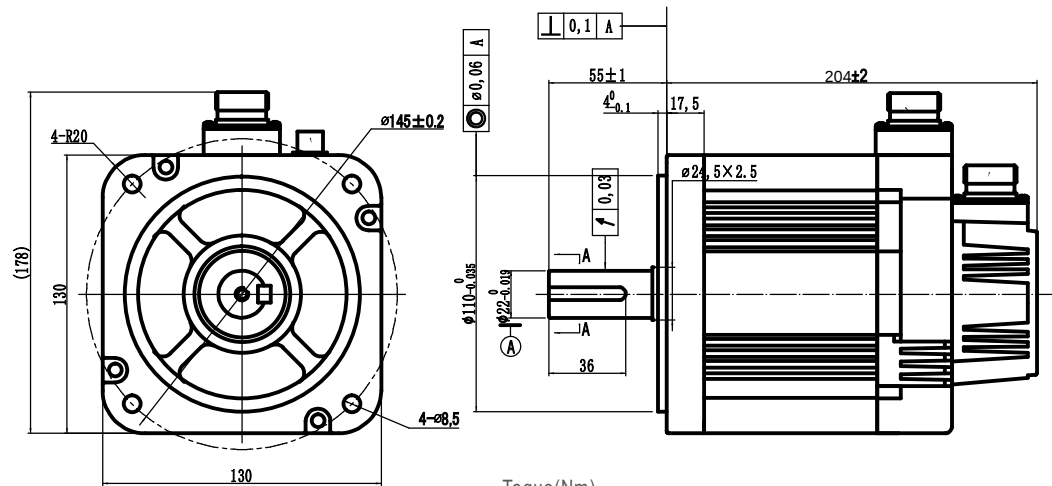
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ELM2H-1300LD130ET-H

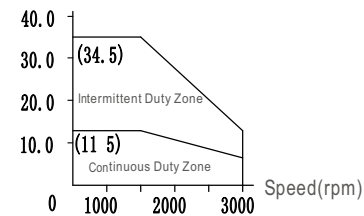
130mm , high inertia , 1300w servo motor
23bit multi-turn absolute encoder , brake

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Rated Voltage (Vac)	380
Rated Power (w)	1800
Rated Torque (N.m)	11.5
Peak Torque (N.m)	34.5
Rated Speed (rpm)	1500
Peak Speed (rpm)	3000
Rated Current (Amp)	6.5
Peak Current (Amp)	19.5
Torque Const (N.m/Amp)	1.77
Back EMF Const (V/krpm)	120
Resistance (Ω)	1.75±10%
Inductance (mH)	10.7±20%
Inertia (kg*m ² *10 ⁻⁴)	25.36
Poles	10
Encoder type	23bit absolute
IP rating	IP65
Mass (Kg)	9.4



Torque(Nm)



Wiring details of Brake cable connector

Pos	1	2
Signal	0V	24V

Wiring details of Power cable connector

Pos	1	2	3	4
Signal	PE	U	V	W

Wiring details of encoder cable connector

Pos	1	2	3	4	5	6	7
Signal	PE	5V	0V	SD+	SD-	BAT+	BAT-

Connector Code Of Extension Cable Side

Type	Winding Connector	Encoder Connector	Brake Connector
Connector	YD28K4TSJ	YD28K7TSJ	XS12K3P

Connector Code Of Motor Side

Type	Winding Connector	Encoder Connector	Brake Connector
Connector	YD28J4Z	YD28J7Z	XS12J3Y

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ELM2H-1800LD130ET-H

130mm , high inertia , 1800w servo motor
23bit multi-turn absolute encoder , brake

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