

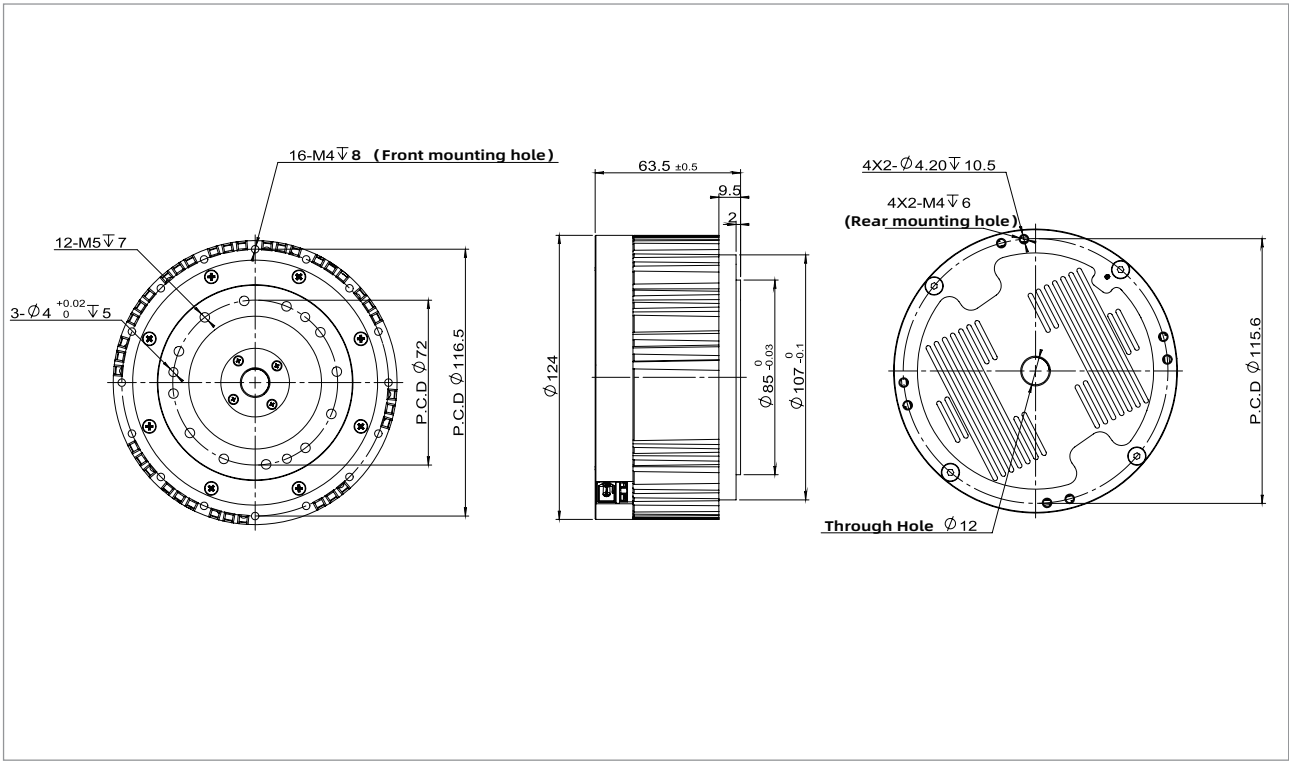
Series Name
RMD-X V4.1
Motor Simplified Name
X10-200



Dual encoder

Actuator Full Name	With Brake/Without Brake	Communication
RMD-X10-P20-200-E	N (without Brake)	EtherCAT & CAN BUS

Installation Drawing



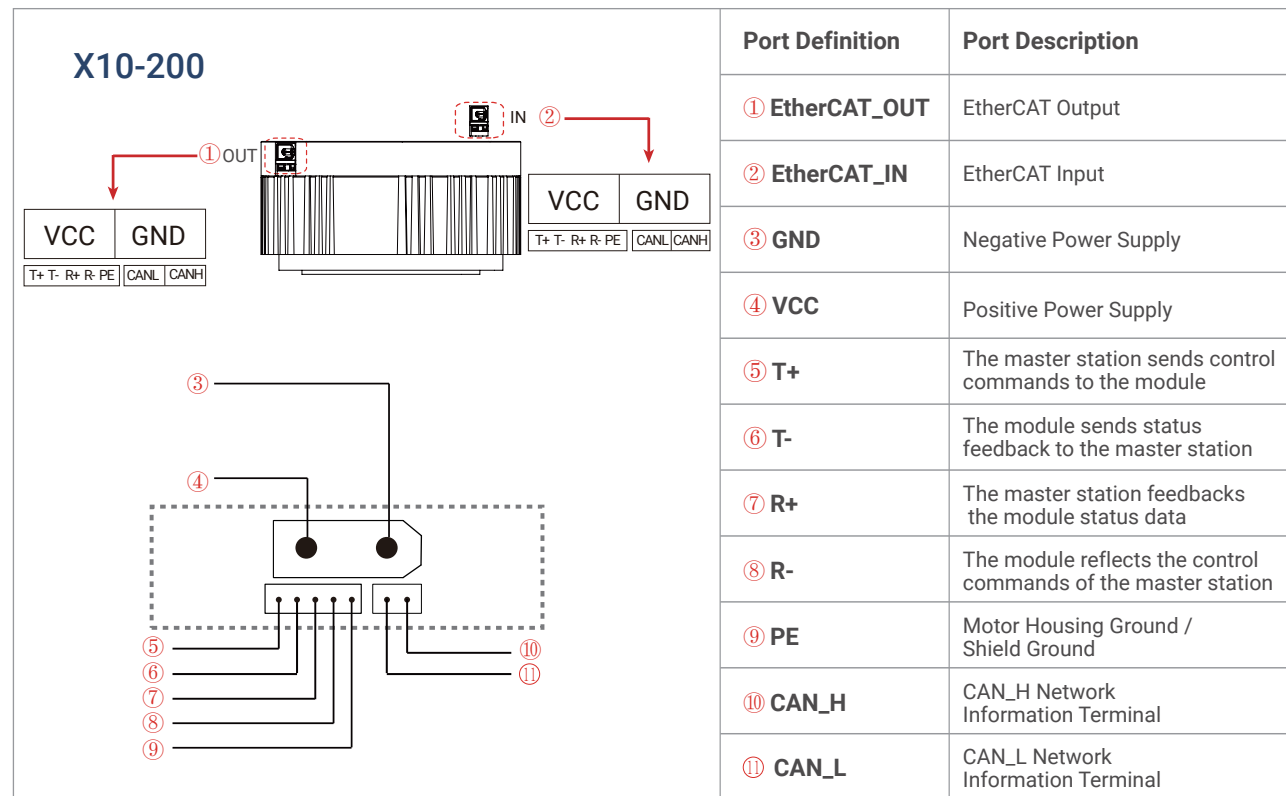
Product Parameters

Parameters	Unit	X10-200
Gear Ratio	—	20
Input Voltage	V	48
Voltage Range	V	20-55
No Load Speed	RPM	80
No-Load Current	A	1
Rated Speed	RPM	74
Rated Torque	N.m	60
Rated Power	W	465
Rated Current	A(rms)	12.7
Peak Torque	N.m	200
Peak Current	A(rms)	80
Efficiency	%	74
Motor Back-EMF Constant	Vdc/Krpm	24.94
Module Torque Constant	N.m/A	4.6
Line Resistance	Ω	0.27
Line Inductance	mH	0.3
Pole Pairs	—	20
3 Phase Connection	—	Y
Back Drive Torque	N.m	/
Backlash	Arcmin	≤15
Output Bearing Type	—	Crossed Roller Bearings
Axial Load	Tensile load	KN
	Compressive load	KN
Radial Load	KN	-
Inertia	Kg.cm ²	-
Encoder Type & Interface	—	Dual Encoder ABS-17BIT/19BIT
Control Accuracy	Degree	<0.01
Communication	—	EtherCAT / CAN BUS
Weight	Kg	1.64
Insulation Grade	—	F

Note:

- 1.The maximum operating voltage of the motor is 55V. It is recommended that customers add an external capacitor to regulate voltage, so as to ensure stable battery power supply and protect the PCB from damage caused by voltage fluctuations.
2. If voltage exceeds the rated value, the operating speed must not exceed the motor's rated speed.

X10-200 Interface Description



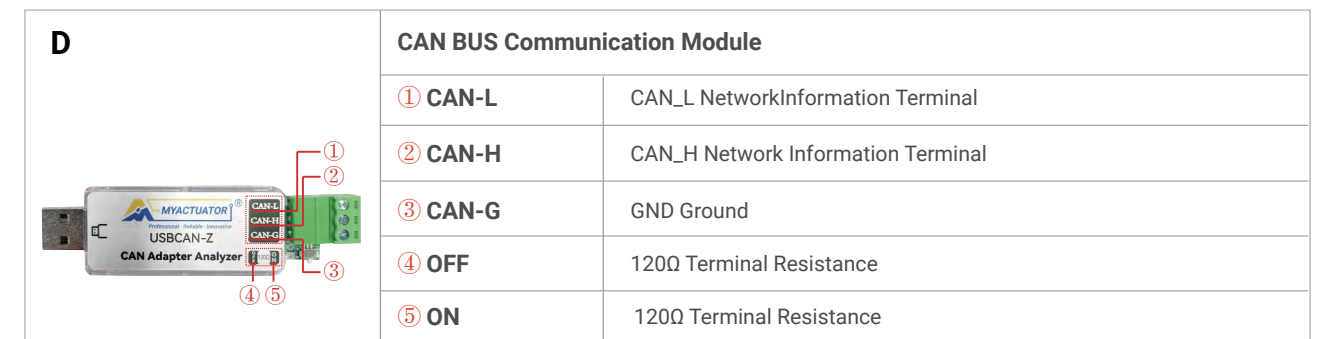
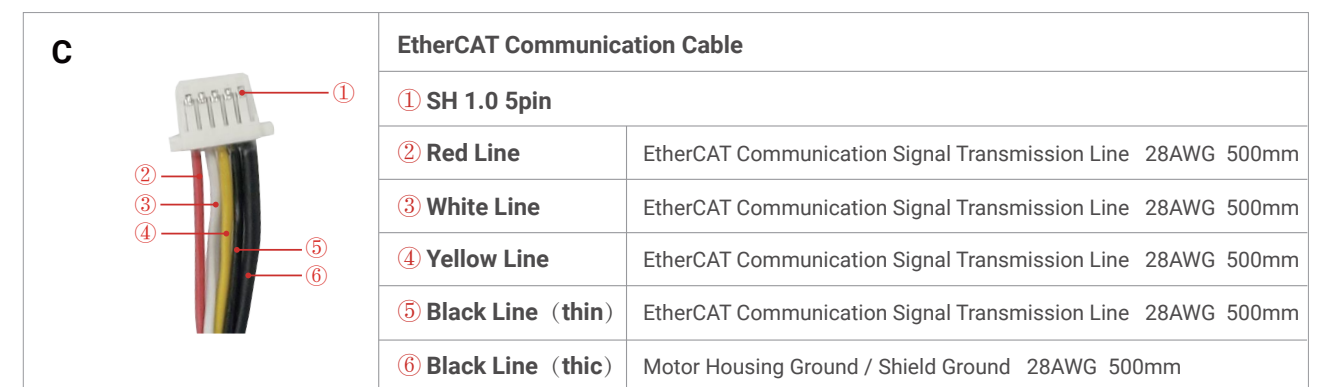
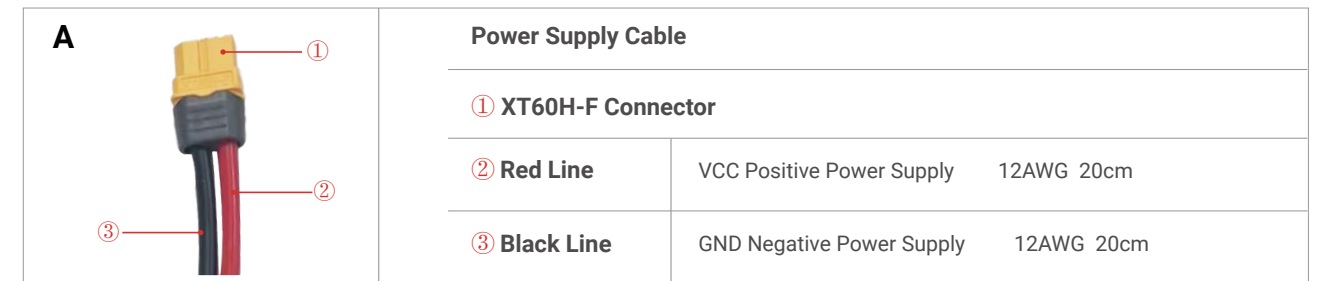
X10-200 Packaging Information



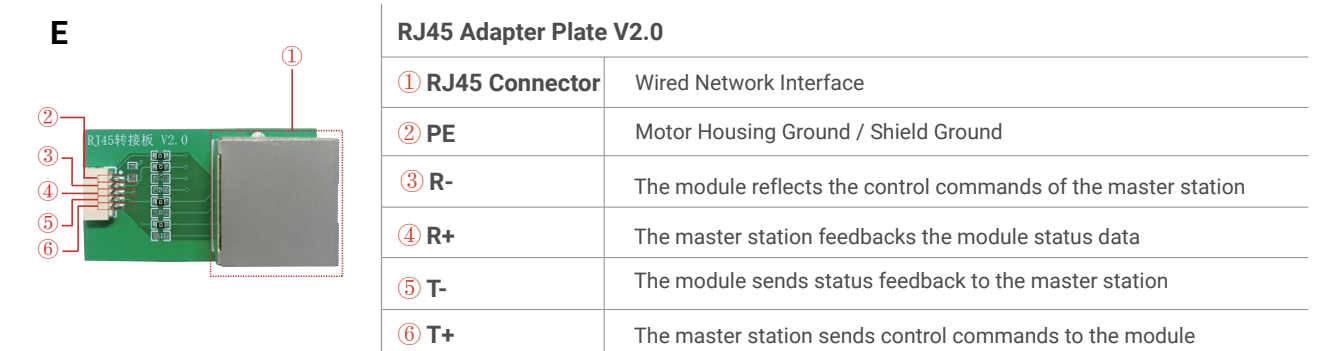
List:

- A. Power Supply Cable *2
- B. 120R plug-in resistor *1
- C. EtherCAT Communication Cable *2
- D. CAN BUS Communication Module *1
- E. RJ45 Adapter Plate V2.0 *1 (For Ethercat version)

X10-200 Accessories Marking Instructions



Notes: Each order includes one USB-CAN adapter. For additional adapters, please contact our sales team to place an order.



Notes: Ethercat version - Each order includes one RJ45 adapter. For additional adapters, please contact our sales team to place an order.