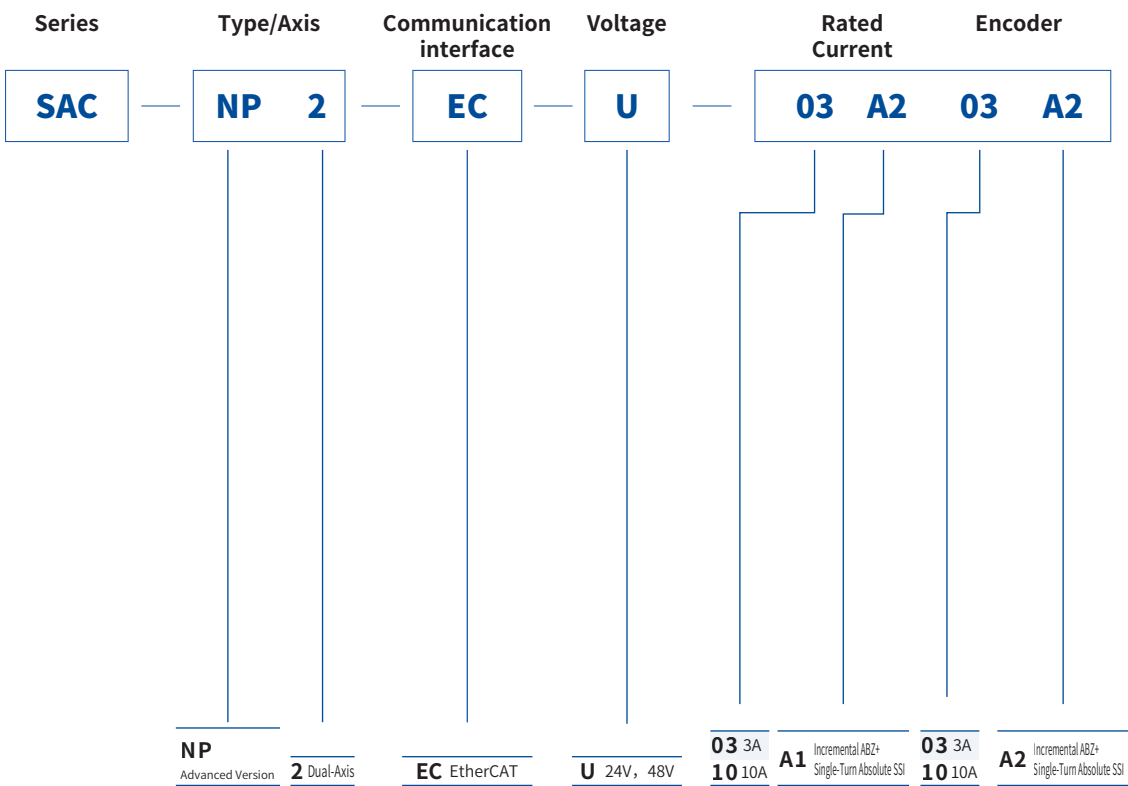


SAC-NP2

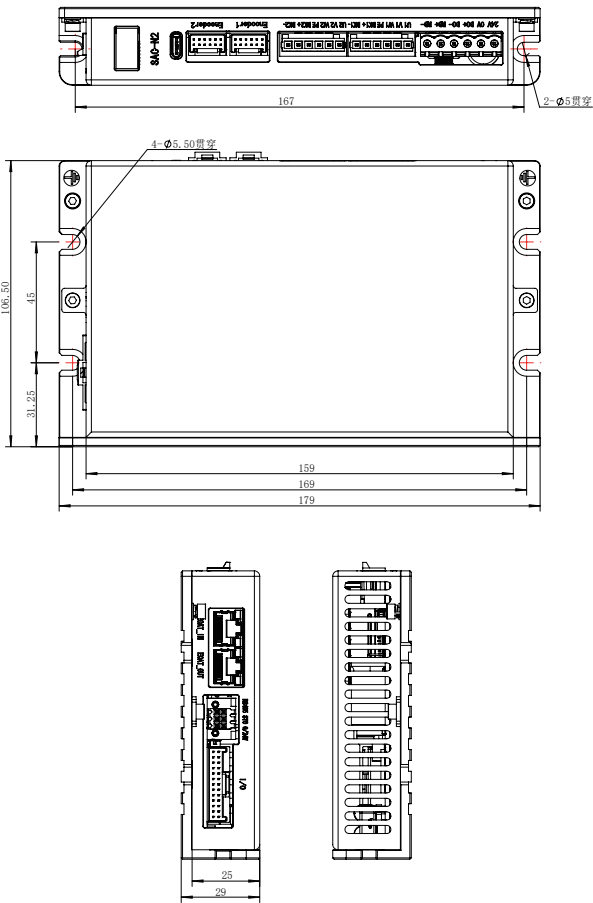
Dual-axis Drive



Selection Method



TECHNICAL SPECIFICATIONS



Technical Parameters

Controlled axis	2	
Supported control methods	EtherCAT, IO	
EtherCAT control modes	Position Mode, Velocity Mode, Torque Mode, and Hybrid Mode	
Power supply voltage	24 V	
Motor voltage	24 V / 48 V	
Model	SAC-N2-EC-U-03A1-03A1	SAC-N2-EC-U-10A1-10A1
Output rated current	3 A	10 A
Output peak current	9 A	18 A
Power supply voltage	24 V, 72 W 48 V, 144 W	24 V, 240 W 48 V, 480 W
Encoder	Supports BissC\SSI\Endat\Motegi\ABZ	
Limit Switch, home position, probe	Supported	
Size	179 mm×107.65 mm×29 mm	

Operating Environment

Overload	3 times overload for more than 2.5 seconds
Minimum etherCAT period	200 us
Filters	4 or more
Closed-loop control	Supported
Gantry control	Synchronized in nanoseconds
High-precision encoder and sampling	Supports 23-bit resolution
Auto-tuning gain	Supported
Protection	Overcurrent, Overvoltage, Overheating protection; STO (Safe Torque Off) function
Speed loop response	3.5 KHz
Weight	< 0.6 KG
Protection Level	IP20
Operating Temperature	0~55 °C

Interface Diagram

