

# P20 series

**Dual-Axis Integration    Efficient Synergy    Flexibel Adaptation**



**Next-generation servo product**

**Freely choose single or dual axis**

## P20 Series Servo Drive

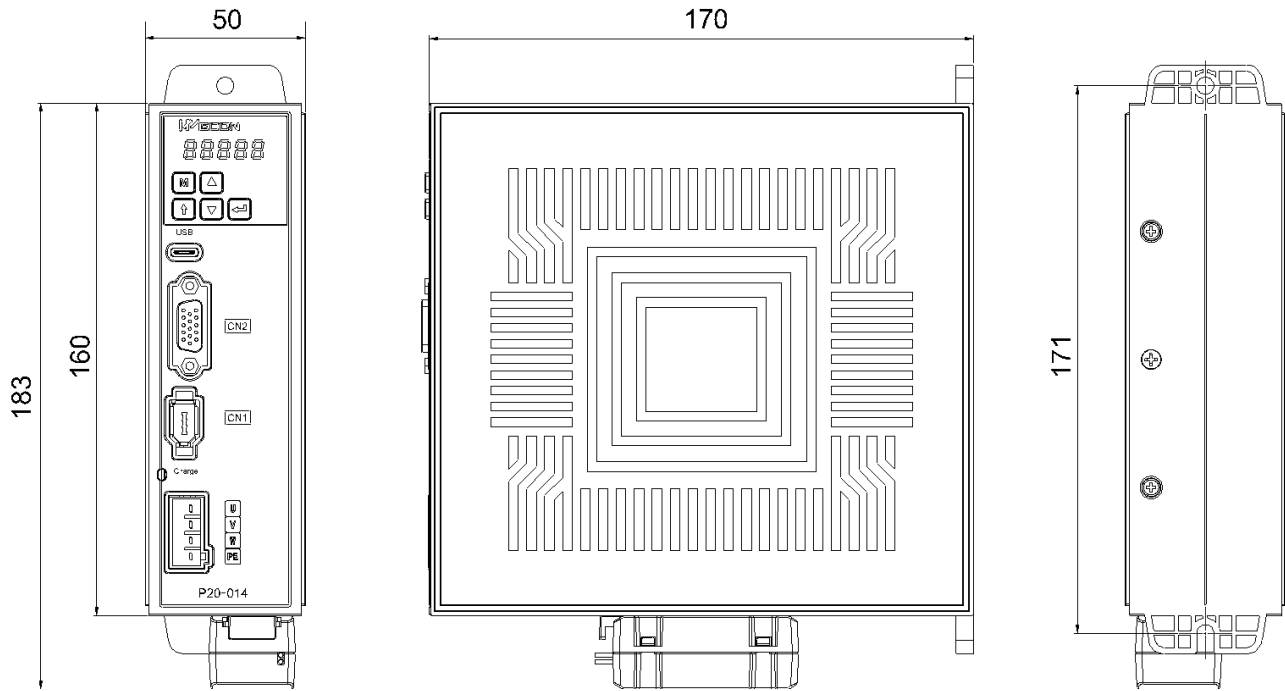
## SPECIFICATION

Item		P20	
Input/ Output signal	DI Function	Servo enable (SON), fault and warning clear (A-CLR), forward drive prohibition (POT), reverse drive prohibition (NOT), command reverse (C-SIGN), emergency stop (E-STOP), Gain switching (GAIN-SEL), Multi-speed command selection(INSPD1、INSPD2、INSPD3); Internal multi-position command selection and enable(INPOS1,INPOS2,INPOS3,INPOS4,ENINPOS)	
	DO Function	Servo ready (RDY), fault signal (ALM), warning signal (WARN), rotation detection (TGON), zero speed signal (ZSP), torque limit (T-LIMIT), speed limit (V-LIMIT),servo on state output (SRV-ST), servo brake output (BRK-OFF), ABZpulse feedback output	
Communication/Debug		Modbus RS485 and type-C(SCTool)	
Basic Specifications	Voltage	220V	
Position Mode	Input signal	Pulse Type	Pulse+direction,or thogonal coding
		Pulse Signal Input	Open collector or differential input
		Pulse Frequency	Differential input up to 500KHz, Open collector up to 200KHz
	Pulse Feedback Output	A,B,Z differential output	
Speed Mode	Internal Command	Internal multiple-speed	Configure 3 DI terminal as INSPD1, INSPD2, and INSPD3 to enable speed selection for segments 1 to 8.
Torque Mode	Internal Command		Support torque command - 300% to 300%
environment condition	Operating	Temperature	0°C to 40°C
		Relative Humidity	20% to 90%, non-condensing
		Shock	3M4, 3 mm [2-9 Hz], Category 1
		Vibration	3M4, 1 G [2-9 Hz], Category 1
	Storage/Transport	Temperature	-20°C to 65°C
		Relative Humidity	20% to 90%, non-condensing
		Vibration	2M2, 3.5 mm [2-9 Hz]
	Protection Rating		IP20
	Pollution Degree		II
Overvoltage Category		III	

Controlling Type	Power Supply	Servo Type	Servo Model	Motor Power
Pulse	220V	Single axis	P20-010	(0.2-0.4)kW
			P20-014	(0.6-0.75)kW
			P20-016	(0.85-1.5)kW
		Dual axis	P20-010010	Drives two axes at 0.4kW each
			P20-014010	Drives one 0.75kW axis and one 0.4kW axis
			P20-014014	Drives two axes at 0.75kW each

# Product dimensions diagram

## Single axis



## Dual axis

