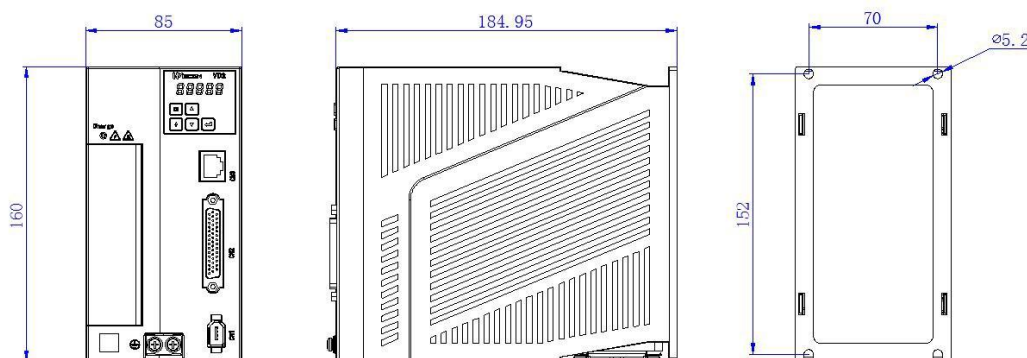


VD2 17 bit Absolute Multi Magnetic Encoder

Flange Size	Motor Model	Drive Model	Rated Torque (N.m)	Rated Speed (rpm)
130	WE130M-20025T-C1F	VD2-021TA1G	7.7	2500
130	WE130M-26025T-C1F	VD2-021TA1G	10	2500
130	WE130M-38025T-C1F	VD2-021TA1G	15	2500
130	WE130M-53030T-C1F	VD2-021TA1G	17	3000
130	WE130M-40020T-C1F	VD2-021TA1G	20	2000

VD2 23 bit Absolute Multi Optical Encoder

Flange Size	Motor Model	Drive Model	Rated Torque (N.m)	Rated Speed (rpm)
180	WE180M-30015T-D2F	VD2-021TA1G	19	1500
180	WE180M-45020T-D2F	VD2-021TA1G	21.5	2000
180	WE180M-43015T-D2F	VD2-021TA1G	27	1500
180	WE180M-55015T-D2F	VD2-021TA1G	35	1500



SPECIFICATION

Item			VD2 Series
Basic Specifications	Voltage		380V Three Phase
	Control Method		IGBT PWM controlled sine wave current drive
	Encoder		17 bit, 23 bit absolute encoder
	Input Signal		8*DI
	Output Signal		4*DO
	Analog Signal Input		2*AI input(-10v~10v)
	Pulse Signal Input		Open collector or differential input
	Pulse Feedback Output		A,B,Z differential output
	Internal Instructions		Support 8 internal speed commands and internal multi-segment position commands
	Communication/Debug		Support to communicate with modbus device and debug with SCTools at the same time. (SCTools can set&monitor servo parameters,monitor waveform,self-tuning parameter,etc.)
	Braking Resistor		400W without built-in baking resistor; both support external braking resistor
Function Setting	General Function	Self-tuning	SCTools supports self-tuning function,and identifies load inertia identification and rigidity level, and other parameters.

		Waveform Monitoring	View position, speed, torque and other curves on PC in real time
		Waveform Storage	The original waveform data could be stored for up to 10s
		Parameter Import / Export	Support batch parameter import and export; support PLC configurate servo parameters automatically (supported by some models)
		Vibration Suppression	Suppress mechanical vibration by setting vibration suppression parameters
		Protective Function	Overvoltage, undervoltage, overcurrent, overspeed, overload, overheating, encoder failure, excessive position deviation, torque limit, speed limit, etc
		Brake	Support
		Universal Control DI	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 (POS1,POS2, POS3,POS4, POSEN)
		Universal Control DO	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)
	Pulse Input	Pulse Frequency	Maximum 500khz
		Pulse Type	Pulse + Direction, CCW/CW pulse, Quadraturel encoding
		Pulse Filtering	First-order low-pass filter or smooth filter
		Pulse Output	Differential Quadraturel encoding A, B, Z output; PPR is settable by p0-16 or P0-17~P0-20.
	Speed Mode	Command Input	-10V~+10V analog input internal speed command (Maximum 8)
		Zero Clamp	Motor speed could be clamped to zero via the setting of zero clamp function
		Torque Limit	Support to set the torque limit
	Torque Mode	Command Input	-10V~+10V analog input and Internal torque command
		Torque Reaching	Torque reaching threshold and DO can be set flexibly
		Speed Limit	The speed limit can be set flexibly

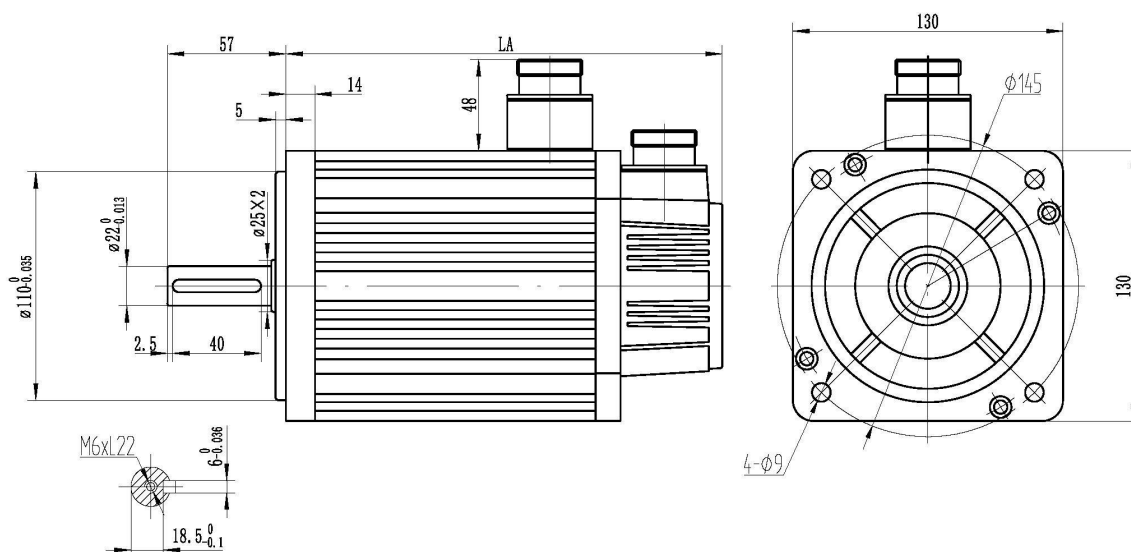
130 Series Motor Specification

Motor model	WE130M-20025T ★ △	WE130M-26025T ★ △	WE130M-38025T ★ △	WE130M-42025T ★ △	WE130M-53030T ★ △
Rated power (kW)	2	2.6	3.8	4.2	5.3
Rated current (A)	6	6	7.5	8.5	9.5
Rated torque (N·m)	7.7	10	15	20	17
Max. torque (N·m)	18	25	22	60	30
Rated speed (r/min)	2500	2500	2500	2000	3000
Brake	Optional	Optional	Optional	Optional	Optional
Length (Brake)	252mm	272mm	294mm	mm	mm
Length (Without Brake)	192mm	209mm	231mm	mm	mm

Remark:

★ : A1-17 bit single Magnetic encoder; C1-17 bit Multi Magnetic encode; D2- 23bit Multi Optical encoder

△ : F-sealed; G-sealed & Brake



180 Series Motor Specification

Motor model	WE180M-30015T★△	WE180M-43015T★△	WE180M-45020T★△	WE180M-55015T★△
Rated power (kW)	3.0	4.3	4.5	5.5
Rated current (A)	10	13.5	9.5	13.5
Rated torque (N·m)	19	27	21.5	35
Max. torque (N·m)	25	30	53	30
Rated speed (r/min)	1500	1500	1000	1500
Brake	Optional	Optional	Optional	Optional
Length (Brake)	304mm	334mm	315mm	364mm
Length (Without Brake)	232mm	262mm	243mm	292mm

Remark:

★ : A1-17 bit single Magnetic encoder; C1-17 bit Multi Magnetic encode; D2- 23bit Multi Optical encoder

△ : F-sealed; G-sealed & Brake

