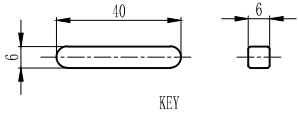


静态扭矩 Static Friction	15Nm
电压 Voltage	24VDC
功率 Power	29W

刹车参数 Brake Data

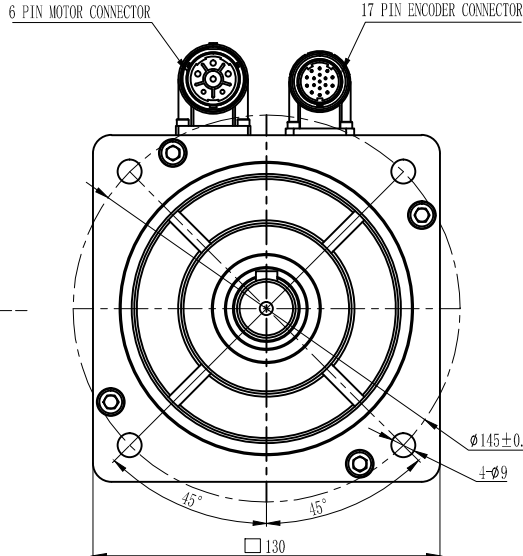
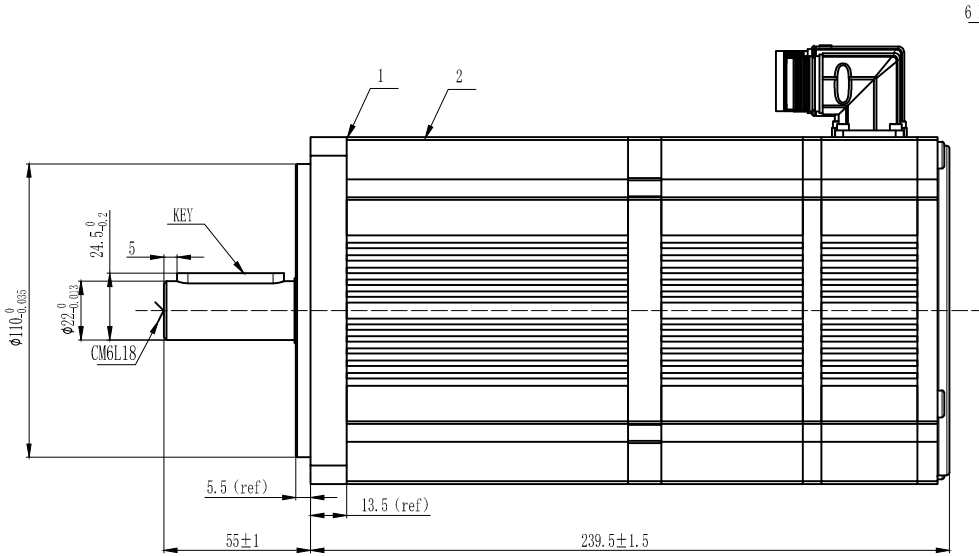


角号 Pin	定义 Function	颜色 COLOR
1	BRAKE(+)	红 RED
2	U	黄 YELLOW
3	V	红 RED
4	W	黑 BLACK
5	BRAKE(-)	黑 BLACK
6	PE	黄绿 YELLOW/GREEN

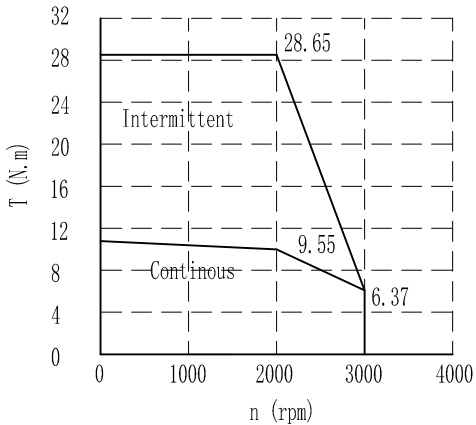
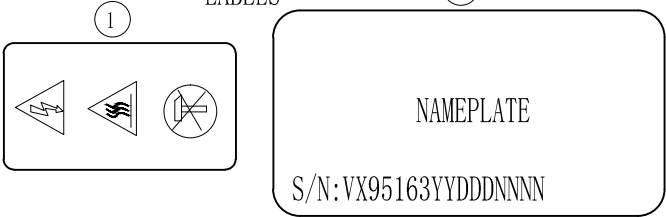
动力 Power

角号 Pin	定义 Function	颜色 COLOR	角号 Pin	定义 Function	颜色 COLOR
1	VCC +5V	红 RED	10	NC	NC
2	GND	黑 BLACK	11	NC	NC
3	NC	NC	12	NC	NC
4	NC	NC	13	SHIELDING	
5	NC	NC	14	NC	NC
6	NC	NC	15	NC	NC
7	NC	NC	16	SD+	蓝 BLUE
8	NC	NC	17	SD-	黄 YELLOW
9	NC	NC			

反馈 Feedback



LABELS



技术参数 Technical Data	
极数 No. of poles	10
母线电压 DC Link Voltage U _{dc} (V)	560
额定功率 Rated Power P _N (W)	2000
额定转矩 Rated Torque T _N (N.m)	9.55
额定转速 Rated Speed n _N (rpm)	2000
额定电流 Rated Current I _N (A)	4.75(ref.)
最大转矩 Maximum torque T _M (N.m)	28.65
最大电流 Maximum Current I _M (A)	15(ref.)
连续静态转矩 Standstill torque T _S (N.m)	10.51
连续静态电流 Standstill Current I _S (A)	5.25(ref.)
线电阻 Resistance line-line R _L (Ω)	1.92(ref.)
线电感 Inductance line-line L _L (mH)	18.6(ref.)
电气时间常数 Electrical time constant τ _e (ms)	9.69
机械时间常数 Mechanical time constant τ _m (ms)	1.61
反电势常数 Voltage constant K _e (V/krpm)	126.5(ref.)
转矩常数 Torque constant K _t (Nm/A)	2.1
转动惯量 Rotor moment of inertia J _m (Kg.cm ²)	21.25
最大径向力 Max. radial force F _r (N)	980
最大轴向力 Max. axial force F _a (N)	392
反馈装置 Feed back device	23bit Single-turn Absolute encoder (NRZ)
绝缘等级 Insulation class	F
防护等级 Protection level	IP65, shaft sealing IP54
重量 Weight (Kg)	12

VER	DESCRIPTION OF CHANGE	VER	ECN NO.	CHANGE	APP'D	DATE	DESIGN	DATE	P/NO.	9.5163
							LJ	2022-08-16	TITLE	Outside Drawing
							CHECK		USED ON	SMC1300-0200-20VBR-5HSP
							LSJ	2022-08-16	SCALE: 1:2.5	VER: V1.0
							APPROVE			
							SL	2022-08-16		
							FIRST ANGLE PROJECTION			
								SHEET 1 OF 1		

FINAL TOLERANCE REFERENCE
GB/T 1804-m Unit:mm
LINER

≤6 ±0.1 >6~30 ±0.2
>30~120 ±0.3 >120~400 0.5



SHEET 1 OF 1

KINCO