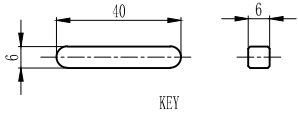


静态扭矩 Static Friction	15Nm
电压 Voltage	24VDC
功率 Power	29W

刹车参数 Brake Data

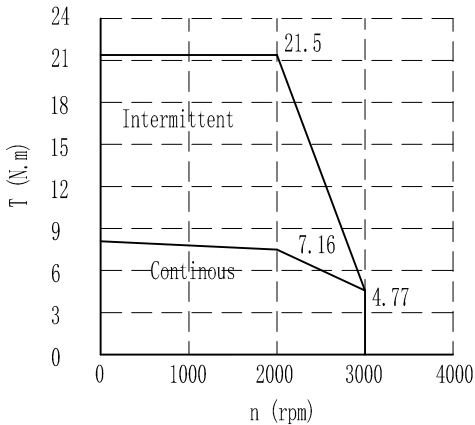
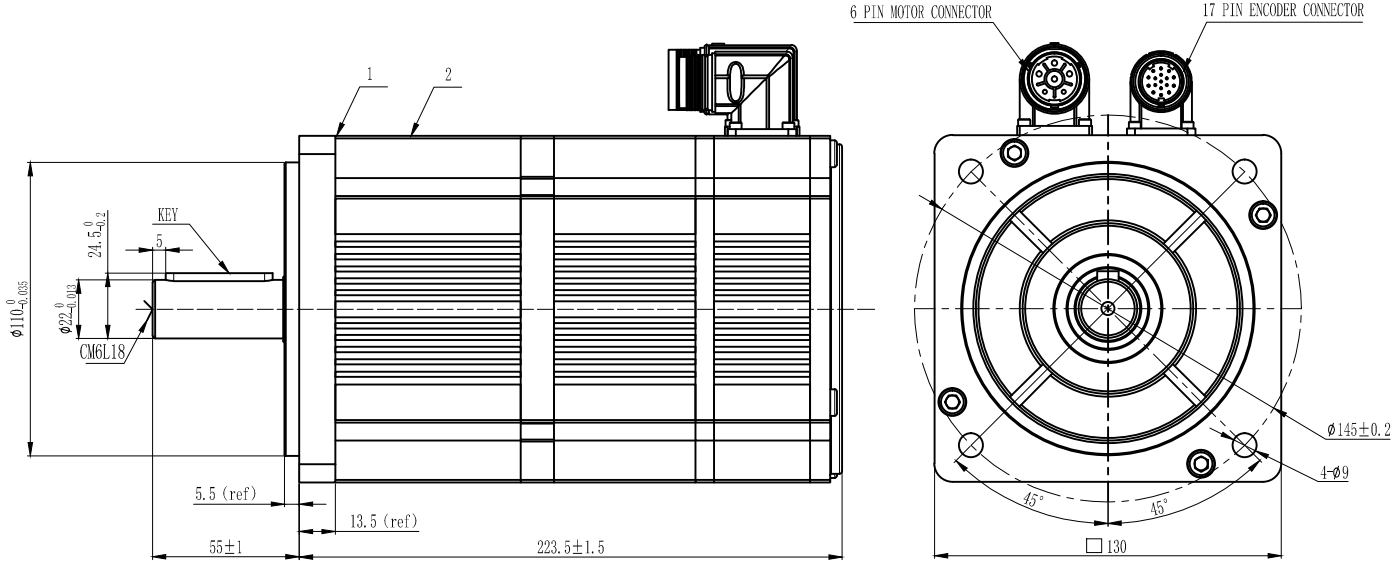


角号 Pin	定义 Function	颜色 COLOR
1	BRAKE(+)	红 RED
2	U	黄 YELLOW
3	V	红 RED
4	W	黑 BLACK
5	BRAKE(-)	黑 BLACK
6	PE	黄绿 YELLOW/GREEN

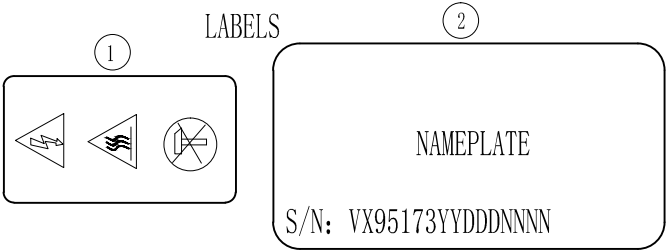
动力 Power

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 $U_w$ (V)	560
额定功率 Rated Power $P_N$ (W)	1500
额定转矩 Rated Torque $T_N$ (N.m)	7.16
额定转速 Rated Speed $n_n$ (rpm)	2000
额定电流 Rated Current $I_N$ (A)	3.85(ref.)
最大转矩 Maximum torque $T_s$ (N.m)	21.5
最大电流 Maximum Current $I_s$ (A)	12.5(ref.)
连续静态转矩 Standstill torque $T_s$ (N.m)	7.9
连续静态电流 Standstill Current $I_s$ (A)	4.25(ref.)
线电阻 Resistance line-line $R_L$ ( $\Omega$ )	2.48(ref.)
线电感 Inductance line-line $L_L$ (mH)	22.65(ref.)
电气时间常数 Electrical time constant $\tau_e$ (ms)	9.13
机械时间常数 Mechanical time constant $\tau_m$ (ms)	1.81
反电势常数 Voltage constant $K_e$ (V/(krpm))	121.3(ref.)
转矩常数 Torque constant $K_t$ (Nm/A)	2
转动惯量 Rotor moment of inertia $J_m$ (kg.cm <sup>2</sup> )	16.95
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	17bit 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)	10.5

VER	DESCRIPTION OF CHANGE	VER	ECN NO.	CHANGE	APP'D	DATE	DESIGN	DATE	P/NO.	9.5173
							LJ	2022-08-16	TITLE	Outside Drawing
							CHECK		USED ON	SMC1300-0150-20MRK-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



KINCO