


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



6 PIN
HF02106ZJ

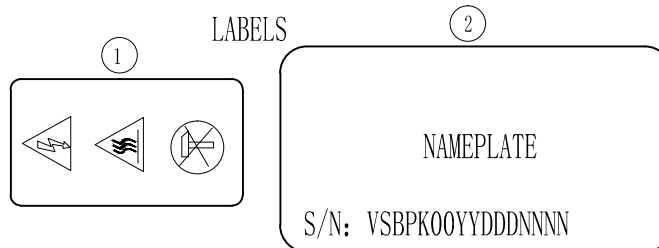
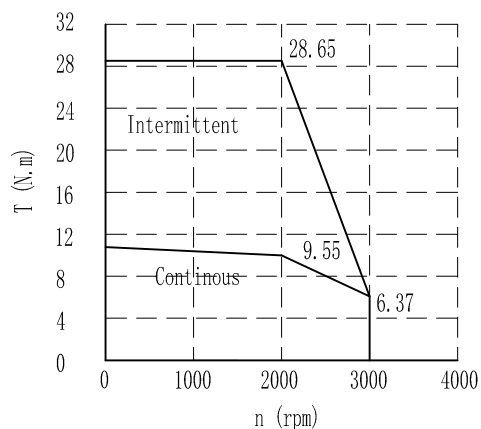
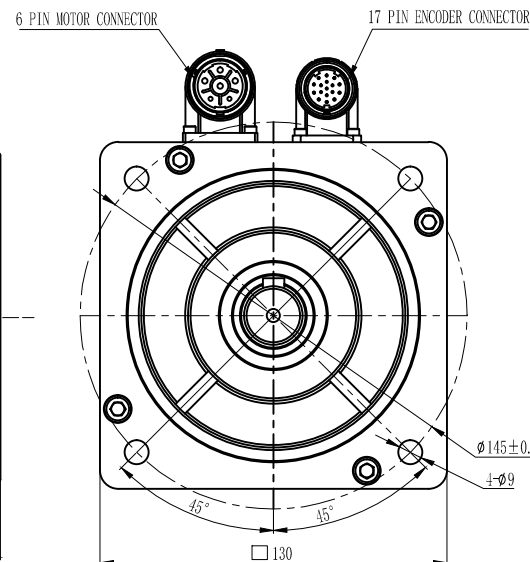
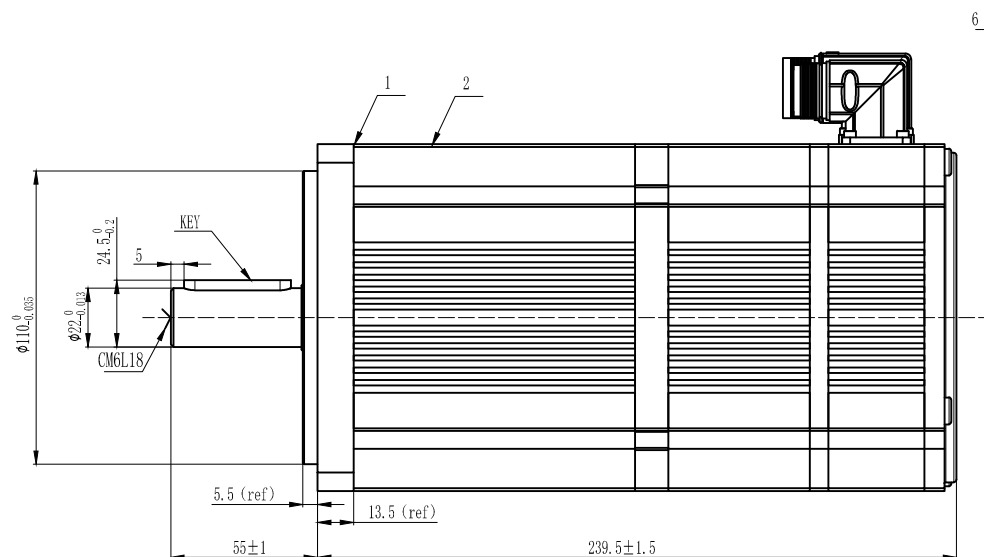
动力 Power

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	VB+	棕 BROWN	12	NC	NC
4	VB-	白 WHITE	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			




17 PIN
HF01817JZ

反馈 Feedback



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.) (VL1)
最大转矩 Maximum torque T_s (N.m)	28.65
最大电流 Maximum Current I_s (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.) (VL1)
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.) (VL1)
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	16/17bit Multi-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	V1.1	KA220324	LJ	SL	2022.08.16	DESIGN	DATE			
V1.1	电参数变更	VER	ECN NO.	CHANGE	APP'D	DATE	LJ	2022-04-20	P/NO.	9.7667	
		FINAL TOLERANCE REFERENCE GB/T 1804-m Unit:mm LINER			MATERIAL		CHECK	2022-04-20	TITLE		Outside Drawing
							LSJ		USED ON	SMC130D-0200-200BK-5HSP	
							APPROVE				
							SL	2022-04-20	SCALE: 1:2.5	VER: V1.1	
		≤6 ±0.1 >6~30 ±0.2 >30~120 ±0.3 >120~400 0.5			FIRST ANGLE PROJECTION 		SHEET 1 OF 1		KINCO		