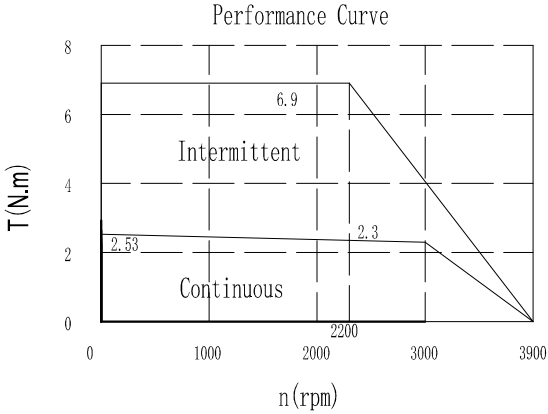
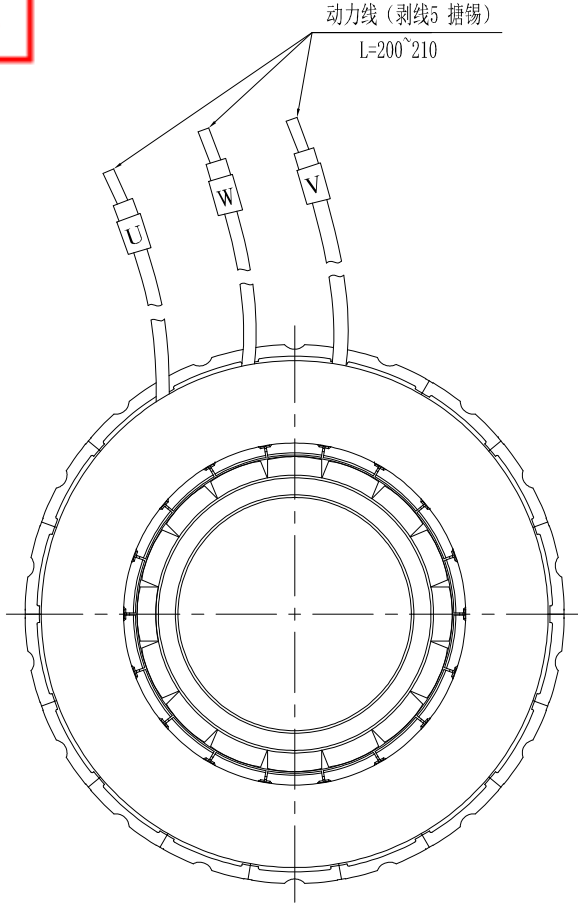
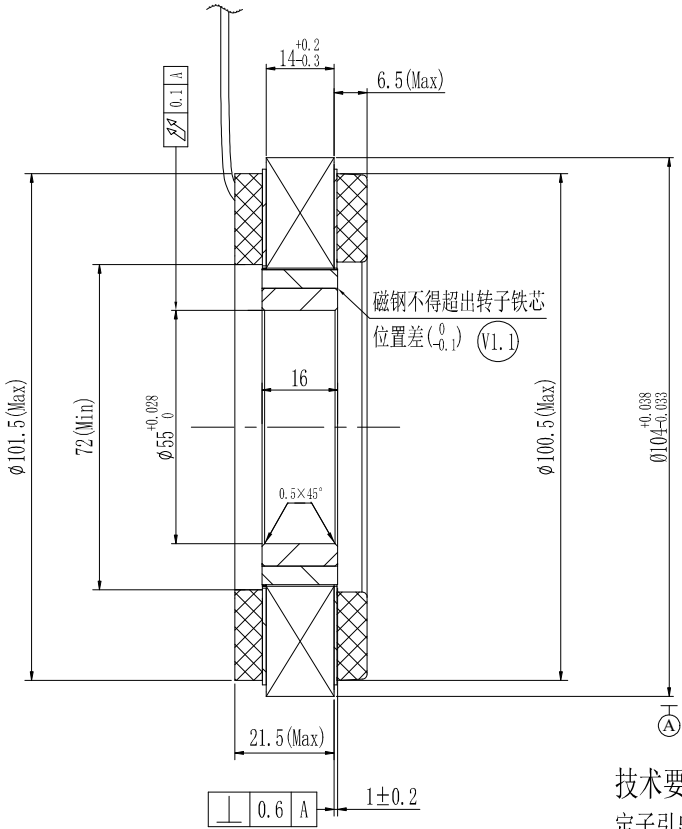


定义 FUNCTION	颜色 COLOR
U相 MOTOR U	兰 BLUE(16AWG)
V相 MOTOR V	棕 BROWN(16AWG)
W相 MOTOR W	紫 PURPLE(16AWG)

受控

动力线 Power Wire



Technical Data (V1.1)

极数 No. of poles	16
直流母线电压 DC Link Voltage U_{dc} (V)	48
额定功率 Rated Power P_N (W)	723
额定转矩 Rated Torque T_N (N.m)	2.3
额定转速 Rated Speed n_n (rpm)	3000
额定电流 Rated Current I_N (A)	18.9
线电阻 Resistance terminal-terminal R_t (Ω)	0.07
闭路电感 Close circuit inductance L_{L-c} (mH)	0.21
开路电感 Open circuit inductance L_{L-o} (mH)	0.35
电气时间常数 Electrical time constant τ_e (ms)	3.0
机械时间常数 Mechanical time constant τ_m (ms)	1.01
反电势常数 Voltage constant K_e (V/krpm)	8.1
转矩常数 Torque constant K_t (Nm/A)	0.134
转动惯量 Rotor moment of inertia J_m (Kg.cm ²)	1.5
绝缘等级 Insulation class	F
重量 Weight (Kg)	0.7

技术要求:
定子引出线按GB/T 7345-2008要求:
对定子三相线, 每根引出线应能承受34.5N的拉力,
试验后, 引出线不能断开, 绝缘层和线芯不能损坏。

VER	DESCRIPTION OF CHANGE	V1.1	KA230388	ZT	SL	23.8.28	DESIGN	DATE	P/NO.	307090276SS		
V1.1	更新REF数据	VER	ECN NO.	CHANGE	APP'D	DATE	ZT	23-02-13	TITLE		外形图	
V1.1	±0.05位置差改为(-0.1)	FINAL TOLERANCE REFERENCE GB/T 1804-m Unit:mm LINER			MATERIAL		CHECK	23-02-13	USED ON	FMC10414-0072-3055N-8DS01		
							ZZJ					
							APPROVE	23-02-13	SCALE:	VER: V1.1		
							SL					
		≤6	±0.1	>6~30	±0.2	FIRST ANGLE PROJECTION		SHEET		OF		KINAVO MOTOR
		>30~120	±0.3	>120~400	±0.5							
												