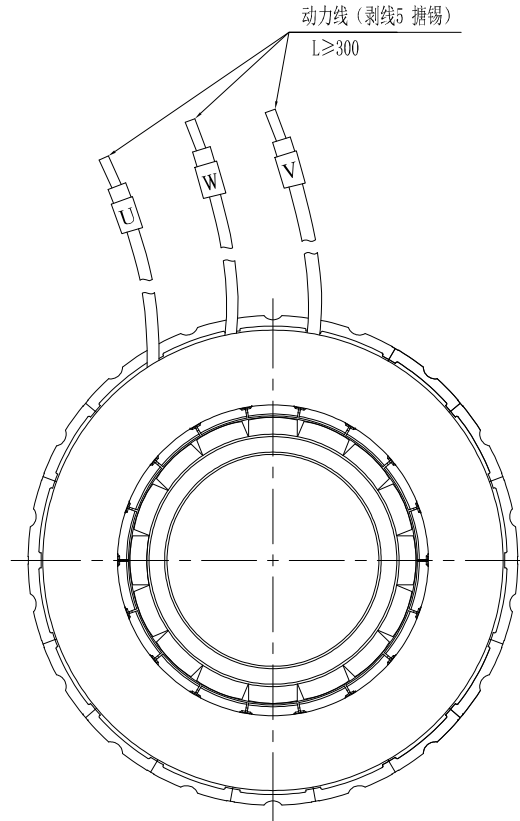
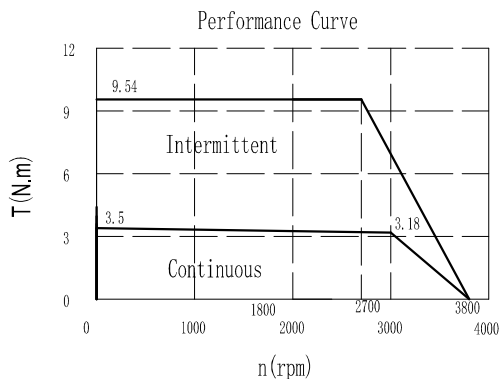
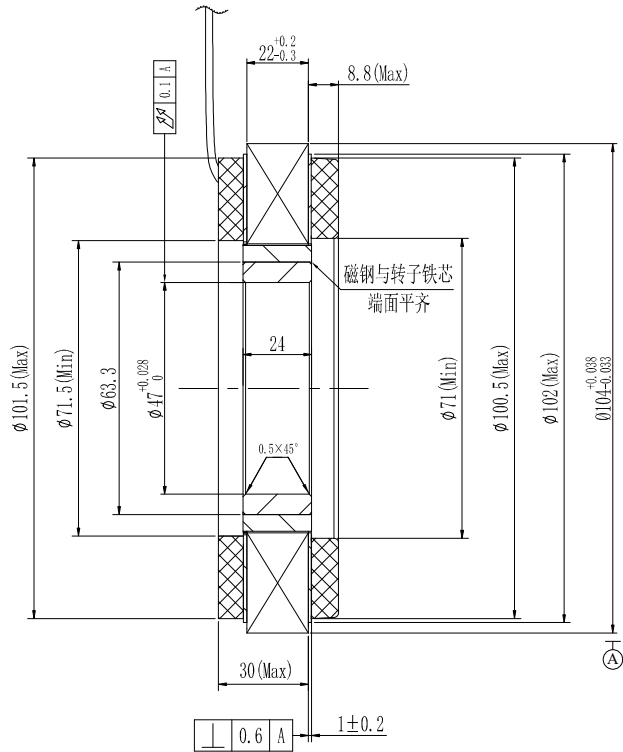


定义 FUNCTION	颜色 COLOR
U相 MOTOR U	兰 BLUE(14AWG)
V相 MOTOR V	棕 BROWN(14AWG)
W相 MOTOR W	紫 PURPLE(14AWG)

动力线 Power Wire



动力线 (剥线5 搪锡)
L≥300

受控

Technical Data (V1.1)		
No. of poles		16
DC Link Voltage U_k (DC Link)		48
Rated Power P_N (W)		1000
Rated Torque T_N (N.m)		3.18
Rated Speed n_N (rpm)		3000
Rated Current I_N (A)		27
Maximum torque T_s (N.m)		9.54
Maximum Current I_s (A)		89
Standstill torque T_s (N.m)		3.5
Standstill current I_s (A)		29.5
Resistance line-line R_L (Ω)	$\pm 10\%$	0.045
Close circuit inductance L_{sc} (mH)	$\pm 20\%$	0.176
Open circuit inductance L_{oc} (mH)		0.23
Electrical time constant τ_e (ms)		3.91
Mechanical time constant τ_m (ms)		1.44
Voltage constant K_e (V/krpm)	$\pm 5\%$	7.83
Torque constant K_t (Nm/A)		0.130
Rotor moment of inertia J_m (Kg.cm ²)		3.1
Insulation class		F
Weight (Kg)		1.4 (REF)
Feed back device		
Temperature Sensor		
Cooling method		Totally enclosed non-ventilated
Environmental conditions	Temperature	guarantee the measured winding temperature is between -20°C and 120°C
	Humidity	Below 90%RH (No dewing)
	Environment	Far away active gas, combustible gas, oil drop, ash.
	Installation altitude	UP TO 1000m: rated power, above 1000m: 1.5% power decreasing per 100m, max. 4000m

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9.0N的拉力;
引出线不能断开, 绝缘层和线芯不能损坏。

VER	DESCRIPTION OF CHANGE	V1.1	KA230401	ZT	SL	23.9.5	DESIGN	DATE	SUCCESSING PER 1000, MIN. 10000		
V1.1	更新REF数值	REV	ECN NO.	DRN	APP'D	DATE	ZT	23-02-22	P/N.	307080446SS	
		UNLESS OTHERWISE SPECIFIED TOLERANCES: DECIMALS: .x ±0.5 ANGULAR: .xx ±0.25 ±0°30' .xxx ±0.1 UNIT: mm DO NOT SCALE DRAWING		MATERIAL		CONTR.	CHECK	23-02-22	TITLE	外形图	
							LSJ				
							APPD		DWG NO.	REV	
					SL		V1.1				
				FIRST ANGLE PROJECTION		SCALE		KINAVO MOTOR			
						SHEET OF					