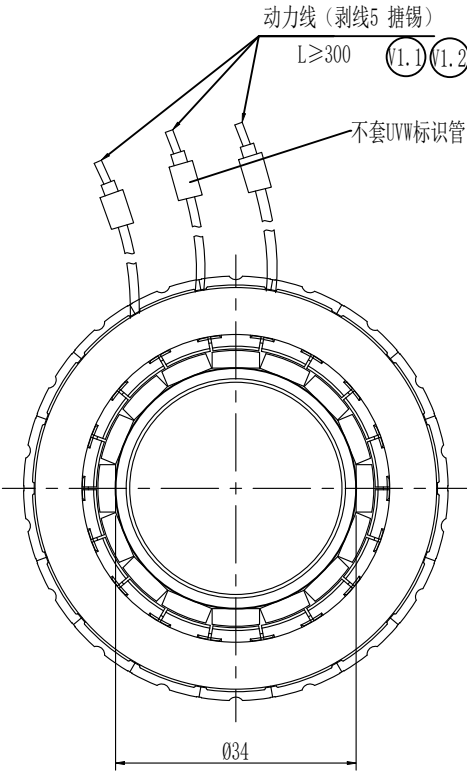
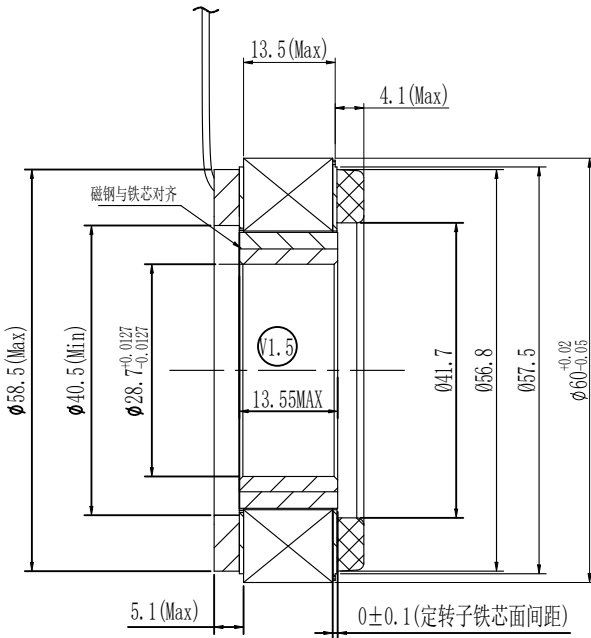


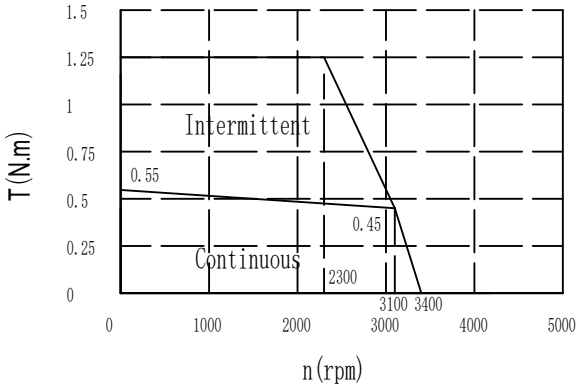
定义 FUNCTION	颜色 COLOR
U相 MOTOR U	棕 BROWN(18AWG)
V相 MOTOR V	紫 PURPLE(18AWG)
W相 MOTOR W	兰 BLUE(18AWG)

受控

动力线 Power Wire



Performance Curve



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9N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	V1.6	KA230181	ZT	SL	23-5-10	DESIGN	DATE	P/NO.	307080121SS
V1.1	线长由110~120改为145~150	VER	ECN NO.	CHANGE	APP'D	DATE	ZZJ	21-12-08	TITLE	Outside Drawing
V1.2	改规格型号	FINAL TOLERANCE REFERENCE				MATERIAL		CHECK	USED ON	
V1.3	线长由145~150改为≥300	GB/T 1804-m Unit:mm						WYD	FMC06012-0014-3128N-8DK00	
V1.4	取消位置差0±0.05	LINER						APPROVE	SCALE:	
V1.5	更改转子铁芯公差	≤6	±0.1	>6~30	±0.2			SL	VER: V1.6	
V1.6	更改REF数值	>30~120	±0.3	>120~400	±0.5					

Tecnical Data (1.6)		
No. of poles		16
DC Link Voltage U_{dc} (DC Link)		48
Rated Power P_N (W)		146
Rated Torque T_N (N.m)		0.45
Rated Speed n_N (rpm)		3100
Rated Current I_N (A)		3.4
Maximum torque T_m (N.m)		1.25
Maximum Current I_m (A)		10.88
Standstill torque T_s (N.m)		0.55
Standstill current I_s (A)		3.74
Resistance line-line R_L (Ω) (at 25° C)		±20% 0.74
Close circuit inductance L_{L-c} (mH)		±20% 0.98
Open circuit inductance L_{L-o} (mH)		1.35
Electrical time constant τ_e (ms)		1.32
Mechanical time constant τ_m (ms)		1.06
Voltage constant K_e (V/krpm)		±10% 7.5
Torque constant K_t (Nm/A)		0.124
Rotor moment of inertia J_m (Kg.cm ²)		0.127
Insulation class		F
Weight (Kg)		0.24
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

FIRST ANGLE PROJECTION

SHEET OF

KINAVO MOTOR

(V1.2)