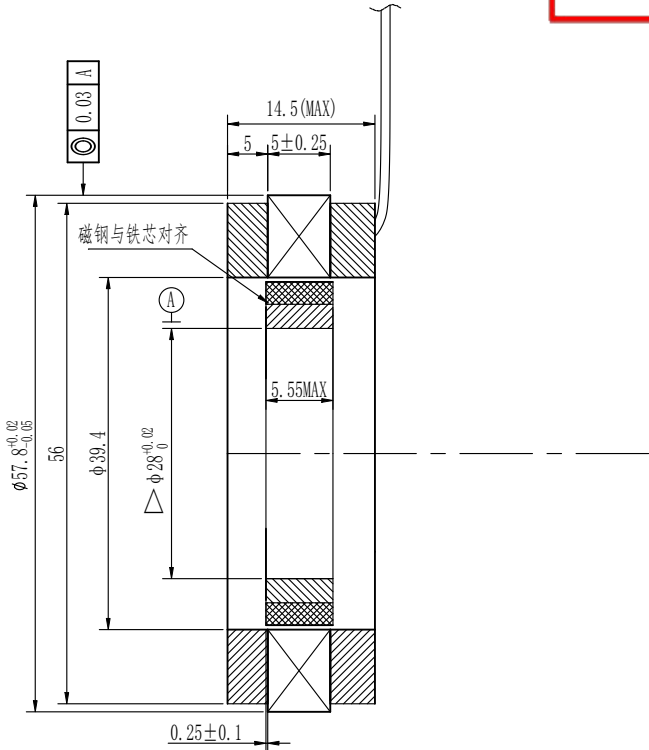
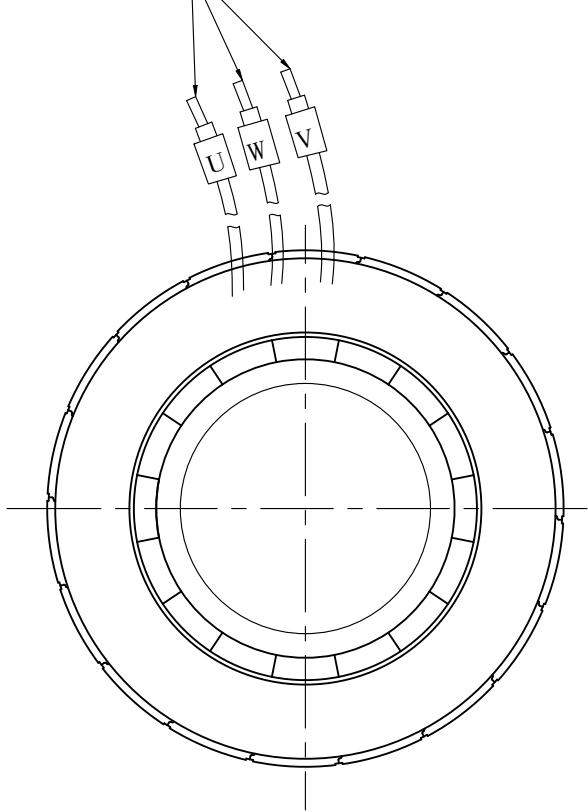


技术要求：
定子引出线按GB/T 7345-2008要求：
对定子三相线，每根引出线应能承受9.0N的拉力；
引出线不能断开，绝缘层和线芯不能损坏。

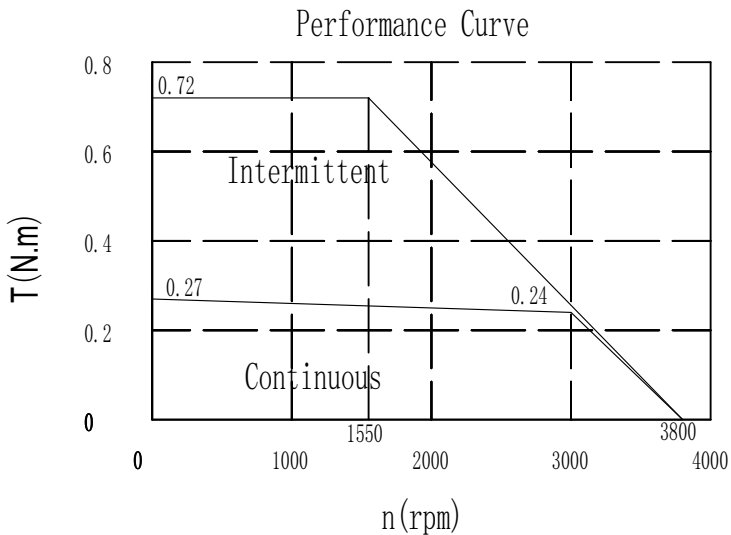
FUNCTION	COLOR
MOTOR U	BLUE (21AWG)
MOTOR V	BROWN (21AWG)
MOTOR W	PURPLE (21AWG)

Power Wire

动力线（剥线5 搪锡）
L=110~120



受控



Tecnical Data		
No. of poles	16	
DC Link Voltage U_{dc} (DC Link)		48
Rated Power P_N (W)		75
Rated Torque T_N (N.m)		0.24
Rated Speed n_N (rpm)		3000
Rated Current I_N (A)		1.91
Maximum torque T_m (N.m)		0.72
Maximum Current I_m (A)		5.9
Standstill torque T_s (N.m)		0.27
Standstill current I_s (A)		2.15
Resistance line-line R_L (Ω)	$\pm 10\%$	2.59
Close circuit inductance L_{L-c} (mH)	$\pm 20\%$	2.07
Open circuit inductance L_{L-o} (mH)		2.81
Electrical time constant τ_e (ms)		0.8
Mechanical time constant τ_m (ms)		2.75
Voltage constant K_e (V/krpm)	$\pm 5\%$	7.24
Torque constant K_t (Nm/A)		0.12
Rotor moment of inertia J_m (Kg.cm ²)		0.088
Insulation class		F
Weight (Kg)		0.11
Feed back device		
Temperature Sensor		
Cooling method	Totally enclosed non-ventilated	
Evironmental conditions	Temperature	guarantee the measured winding temperature is between -20℃ and 120℃
	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

VER	DESCRIPTION OF CHANGE	V1.7	DCN250082	LTL	HH	2025/03/17	DESIGN	DATE	P/N.		
V1.5	更改电参数	REV	ECN NO.	DRN	APP'D	DATE	ZZJ	21-12-15		307080136SS	
V1.6	5±0.2改为5±0.25	UNLESS OTHERWISE SPECIFIED TOLERANCES: DECIMALS: ANGULAR: .X ±0.5 ±0° 30` .XX ±0.25 .XXX ±0.1 UNIT: mm DO NOT SCALE DRAWING				MATERIAL	CONTR.	CHECK	21-12-15	TITLE	Outside Drawing
V1.6	5±0.1改为5.55max							LSJ		USED ON	FMC05705-0007-3028N-8DS00
V1.6	更改电参数							APPD	21-12-15	DWG NO.	
△	变更内径							SL		REV	V1.7
						FIRST ANGLE PROJECTION		SCALE	KINAVO MOTOR		
								SHEET OF			