

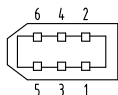
PIN	FUNCTION
1	MOTOR U YELLOW
2	MOTOR V RED
3	MOTOR W BLACK
4	MOTOR PE \oplus YELLOW/GREEN



Housing:H66L6-04P
Terminal:T66L6-A

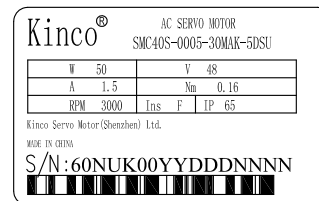
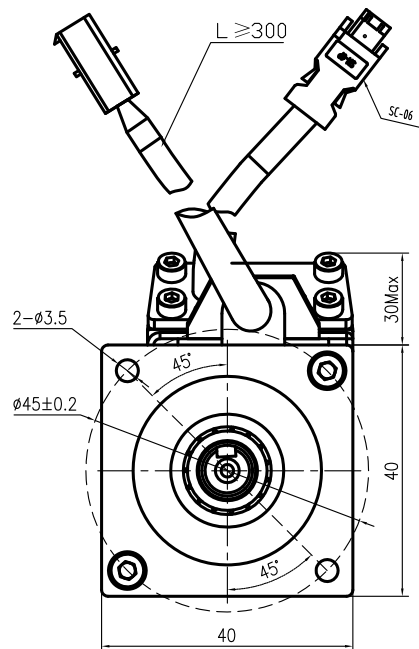
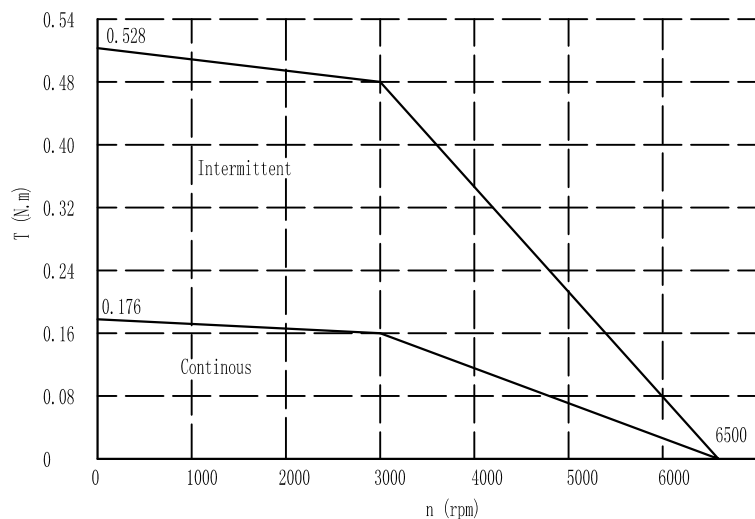
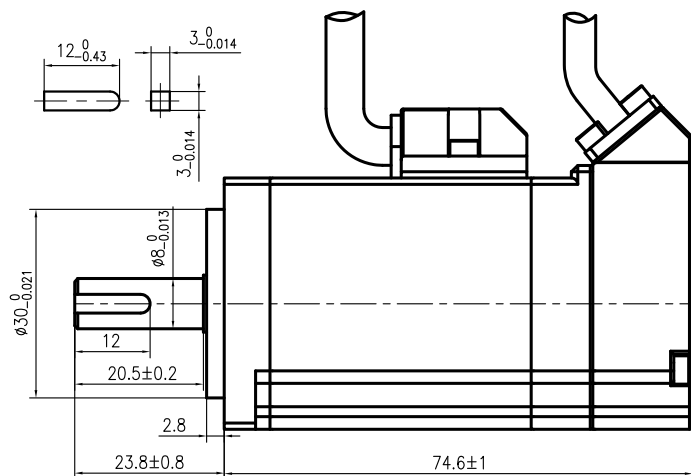
Connector Detail (Power Wire)

PIN	FUNCTION	COLOR
1	VDD	RED
2	GND	BLACK
3	MA_P+	BROWN
4	MA_N-	BLUE
5	SLO_P+	YELLOW
6	SLO_N-	GREEN



SC-06

Connector Detail (Feedback Wire)



Tecnical Data				
No. of poles		10		
DC Link Voltage U_{dc} (DC Link)		48		
Rated Power P_n (W)		50		
Rated Torque T_n (N.m)		0.16		
Rated Speed n_n (rpm)		3000		
Rated Current I_n (A)		15		
Maximum torque T_m (N.m)		0.48		
Maximum Current I_m (A)		4.5		
Standstill torque T_s (N.m)		0.176		
Standstill current I_s (A)		1.65		
Resistance line-line R_L (Ω)		4.1		
Inductance line-line L_L (mH)		4.5		
Electrical time constant τ_e (ms)		1.1		
Mechanical time constant τ_m (ms)		1.0		
Voltage constant K_v (V/krpm)		7		
Torque constant K_t (Nm/A)		0.11		
Rotor moment of inertia J_m (Kg.cm ²)		0.018		
Max. voltage rising du/dt (KV/ μ s)		8		
Insulation class		F		
Max. radial force F_r (N)		120		
Max. axial force F_a (N)		60		
Weight(Kg)		0.4		
Feed back device		ME16MHM-04		
Temperature sensor		n.a.		
Cooling method		Totally enclosed non-ventilated		
protection level		IP65,shaft sealing IP54		
Environmental conditions	Temperature	-20℃~40℃		
	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,15% power decreasing per 100m,max.4000m		
Rating conditions	Mounting	Aluminum flange 305x305x13mm		
	Temperature	60K housing temperature ring at 40℃ ambient		

						DESIGN	DATE	P/N.	9.6959SS	
REV	ECN NO.	DESCRIPTION	DRN	APP'D	DATE	ZZB	20181122		TITLE	
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			外形图	
						YJL	20181122	USED ON	SMC40S-0005-30MAK-5DSU	
					APPD		DWG NO.	REV V1.1		
					SL	20181122				
			FIRST ANGLE PROJECTION			SCALE		Kinco		
						SHEET OF				