


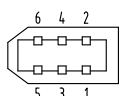
PIN	FUNCTION
1	MOTOR U YELLOW
2	MOTOR V RED
3	MOTOR W BLACK
4	MOTOR PE $\frac{+}{-}$ YELLOW/GREEN



Housing: H66L6-04P  
Terminal: T66L6-A

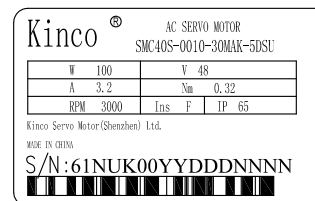
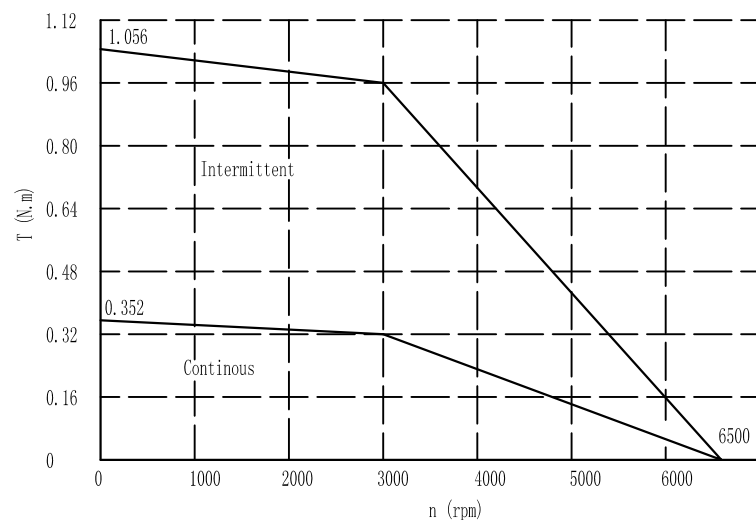
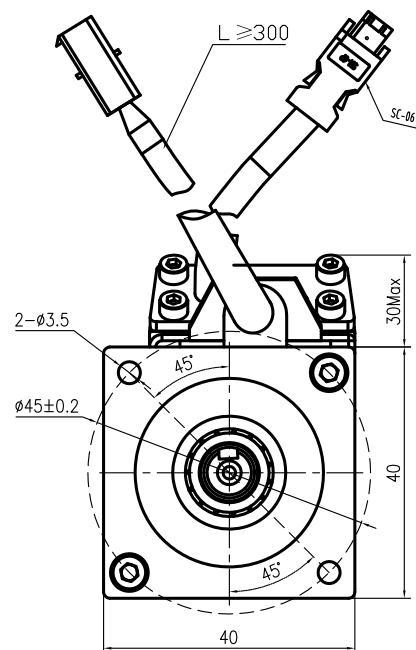
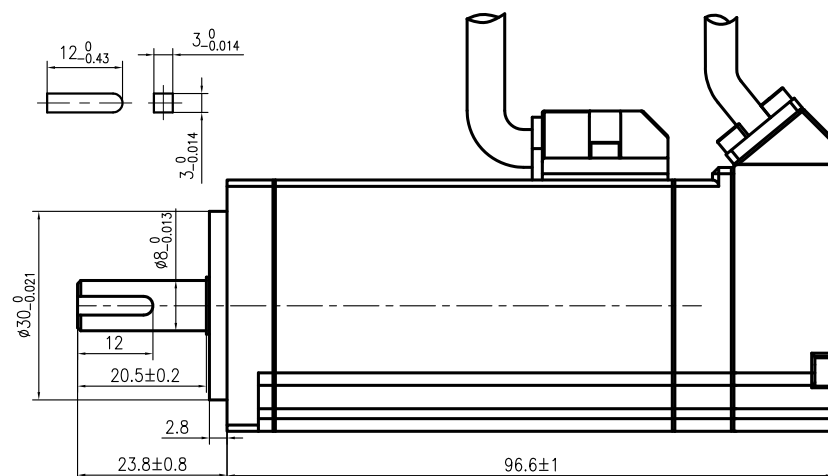
Connector Detail (Power Wire)

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)



Technical Data		
No. of poles	10	
DC Link Voltage $U_{DC}$ (DC Link)	48	
Rated Power $P_N$ (W)	100	
Rated Torque $T_N$ (N.m)	0.32	
Rated Speed $n_n$ (rpm)	3000	
Rated Current $I_N$ (A)	3.2	
Maximum torque $T_M$ (N.m)	0.96	
Maximum Current $I_M$ (A)	9.6	
Standstill torque $T_S$ (N.m)	0.352	
Standstill current $I_S$ (A)	3.52	
Resistance line-line $R_L$ ( $\Omega$ )	15	
Inductance line-line $L_L$ (mH)	19	
Electrical time constant $\tau_e$ (ms)	1.27	
Mechanical time constant $\tau_m$ (ms)	0.67	
Voltage constant $K_e$ (V/krpm)	7	
Torque constant $K_t$ (Nm/A)	0.11	
Rotor moment of inertia $J_m$ (Kg.cm <sup>2</sup> )	0.033	
Max. voltage rising $du/dt$ (KV/ $\mu$ s)	8	
Insulation class	F	
Max. radial force $F_r$ (N)	120	
Max. axial force $F_a$ (N)	60	
Weight(Kg)	0.57	
Feed back device	ME16MHM-04	
Temperature sensor	n.a.	
Cooling method	Totally enclosed non-ventilated	
protection level	IP64, shaft sealing IP54	
Environmental conditions	Temperature	-20°C ~40°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: 15% power decreasing per 100m, max. 4000m
Rating conditions	Mounting	Aluminum flange 305x305x13mm
	Temperature	60K housing temperature ring at 40°C ambient

REV	ECN NO.	DESCRIPTION	DRN	APP'D	DATE	DESIGN	DATE	P/N.	9.6961SS	
						ZZB	20181122	TITLE	外形图	
UNLESS OTHERWISE SPECIFIED TOLERANCES:						CHECK	20181122	USED ON	SMC40S-0010-30MAK-5DSU	
DECIMALS: .x ±0.5						APPD	20181122	DWG NO.		REV V1.1
.xx ±0.25						SL				
.xxx ±0.1										
UNIT: mm										
DO NOT SCALE DRAWING										
FIRST ANGLE PROJECTION						SCALE			Kinco	
						SHEET	OF			