

PIN	FUNCTION	COLOR
1	BRAKE (+)	RED
2	BRAKE (-)	BLUE



Housing:H66L6-02P
Terminal:T66L6-B

Connector Detail (Brake Wire)

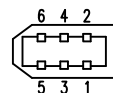
PIN	FUNCTION	COLOR
1	MOTOR U	YELLOW
2	MOTOR V	RED
3	MOTOR W	BLACK
4	MOTOR PE	YELLOW/GREEN



Housing:H66L6-04P
Terminal:T66L6-B

Connector Detail (Power Wire)

PIN	FUNCTION	COLOR
1	VCC +5V	WHITE
2	GND	BLACK
3	VB	ORANGE
4	GND	BROWN
5	SD	BLUE
6	/SD	PURPLE



SC-06

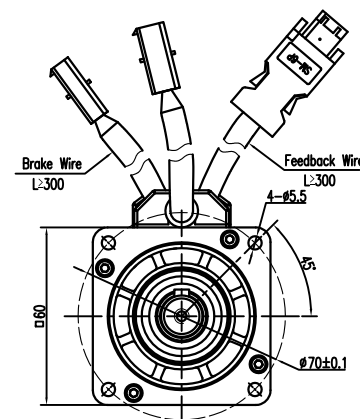
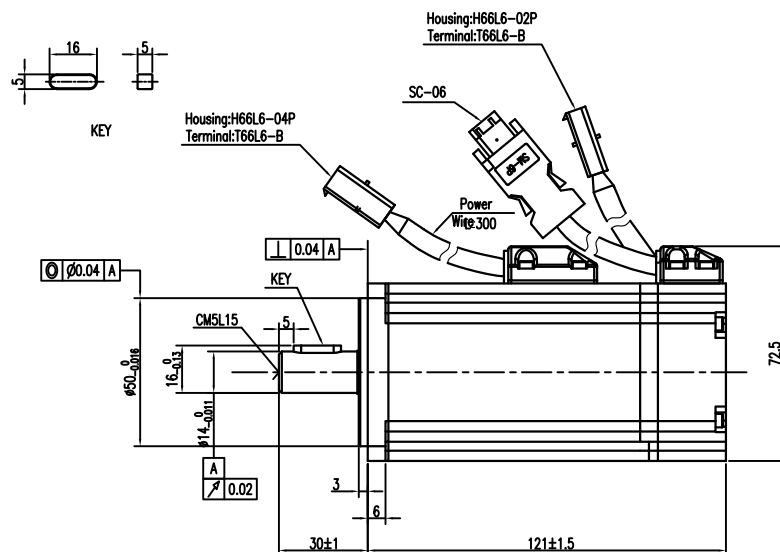
Connector Detail (Feedback Wire)

Brake Data

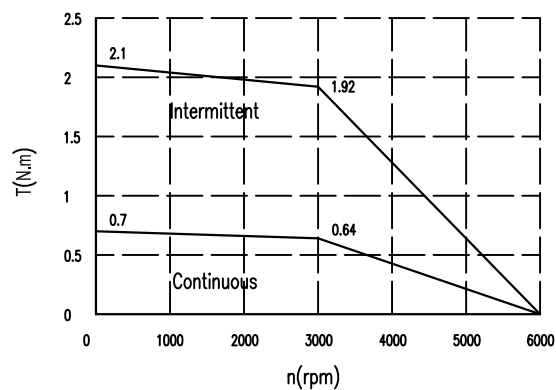
Static friction	1.5N.m
Voltage	24VDC
Power	7.6w

Technical Data

No. of poles	6	
DC Link Voltage U_{dc} (DC Link)	48	
Rated Power P_N (W)	200	
Rated Torque T_N (N.m)	0.64	
Rated Speed n_n (rpm)	3000	
Rated Current I_N (A)	5.1	
Maximum torque T_m (N.m)	1.92	
Maximum Current I_m (A)	15.3	
Standstill torque T_s (N.m)	0.7	
Standstill current I_s (A)	5.6	
Resistance line-line R_L (Ω)	0.889	
Inductance line-line L_L (mH)	1.51	
Electrical time constant τ_e (ms)	1.70	
Mechanical time constant τ_m (ms)	1.92	
Voltage constant K_e (V/krpm)	8	
Torque constant K_t (Nm/A)	0.132	
Rotor moment of inertia J_m (Kg.cm ²)	0.218	
Max. voltage rising du/dt (KV/ μ s)	8	
Insulation class	F	
Max. radial force F_r (N)	180	
Max. axial force F_a (N)	90	
Weight(Kg)	1.6	
Feed back device	MAR-MX50A-HN00	
Temperature sensor	n.a.	
Cooling method	Totally enclosed non-ventilated	
protection level	IP65,shaft sealing IP54	
Environmental conditions	Temperature	-20c~40c
	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
Rating conditions	Mounting	Aluminum flange 255x255x6mm
	Temperature	60K housing temperature ring at 40c ambient



Performance Curve



S/N:52BUK0SYDDNNNN

REV	ECN NO.	DRN	APP'D	DATE	DESIGN	DATE	P/N
					WYD	18-12-5	9.5556SS
UNLESS OTHERWISE SPECIFIED				MATERIAL	CONTR.	CHECK	TITLE
TOLERANCES							Outside Drawing
DECIMALS: ± 1						LS	USED ON
X ± 0.5							SMS60S-0020-30KBB-30SU
.XX ± 0.25						SL	DWG NO.
.XXX ± 0.1							REV
UNIT: mm							V1.0
DO NOT SCALE DRAWING				FIRST ANGLE PROJECTION	SCALE		KINCO
					SHEET	OF	