

PIN	FUNCTION	COLOR	WIRE GAGE
1	MOTOR U	YELLOW	20AWG
2	MOTOR V	RED	
3	MOTOR W	BLACK	
4	MOTOR PE	YELLOW/GREEN Shield	

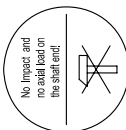
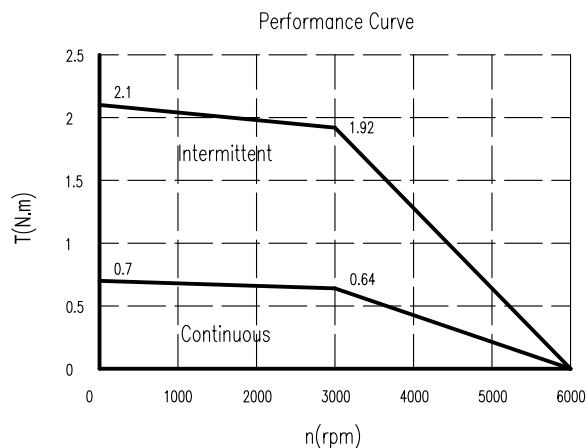
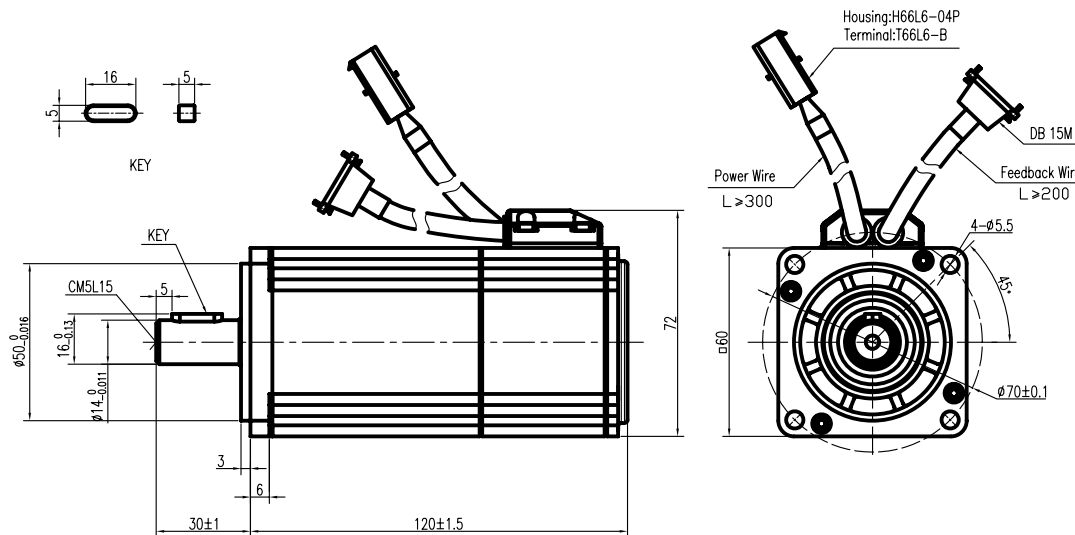
Housing:H66L6-04P  
Terminal:T66L6-B

Connector Detail (Power Wire)  
Power Wire Cable diameter 6.5mm

PIN	FUNCTION	COLOR	WIRE GAGE	PIN	FUNCTION	COLOR	WIRE GAGE
1	VCC +5V	WHITE	28AWG	9	SD	BLUE	28AWG
2	GND	BLACK		10	NC	NC	
3	Shield	Shield		11	NC	NC	
4	VB	ORANGE	28AWG	12	NC	NC	
5	GND	BROWN		13	NC	NC	
6	NC	NC		14	/SD	PURPLE	
7	NC	NC		15	NC	NC	
8	NC	NC					

DB 15M

Connector Detail (Feedback Wire)  
Feedback Wire Cable diameter 6mm



**Elmo** DC BRUSHLESS MOTOR  
L60-203026ANL

W	200	V	220
A	1.5	Nm	0.64
RPM	3000	Ins	F IP65

MADE for Elmo by Kinavo CHINA  
S/N: E10NHK00YYDDNNNN

Technical Data		
No. of poles	6	
DC Link Voltage $U_{dc}$ (DC Link)	300	
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)	1.5	
Maximum torque $T_m$ (N.m)	1.92	
Maximum Current $I_m$ (A)	4.5	
Standstill torque $T_s$ (N.m)	0.7	
Standstill current $I_s$ (A)	1.65	
Resistance line-line $R_L$ ( $\Omega$ )	8	
Inductance line-line $L_L$ (mH)	16.3	
Electrical time constant $\tau_e$ (ms)	2.04	
Mechanical time constant $\tau_m$ (ms)	1.55	
Voltage constant $K_e$ (V/krpm)	29	
Torque constant $K_t$ (Nm/A)	0.48	
Rotor moment of inertia $J_m$ (Kg.cm <sup>2</sup> )	0.258	
Max. voltage rising $du/dt$ (KV/ $\mu$ s)	8	
Insulation class	F	
Max. radial force $F_r$ (N)	180	
Max. axial force $F_a$ (N)	90	
Weight(Kg)	1.3	
Feed back device	MAR-H50A-HN20	
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.
Rating conditions	Installation altitude	UP TO 1000m:rated power, above 1000m:1.5% power decreasing per 100m,max.4000m
	Mounting	Aluminum flange 255x255x6mm
	Temperature	60K housing temperature ring at 40℃ ambient

REV	Description of Change	①	KA150116	施亮	倪进宽	2015-11-18	DESIGN	DATE	P.N.	K3.162.0231SS
①	Add the wires gage for all wires Add the cable diameter to all cables Add the sign of aganist knock lable	REV	ECN NO.	DRN	APP'D	DATE			TITLE	Outside Drawing
		UNLESS OTHERWISE SPECIFIED TOLERANCES		MATERIAL		CONTR.	CHECK		USED ON	L60-203026ANL
		DECIMALS: .x ±0.5 ANGULAR: .xx ±0.25 ° ±0°30'					APPD		DWG NO.	REV B
		.xxx ±0.1 UNIT: mm DO NOT SCALE DRAWING		FIRST ANGLE PROJECTION			SCALE		ELMO MOTOR	
							SHEET	OF		