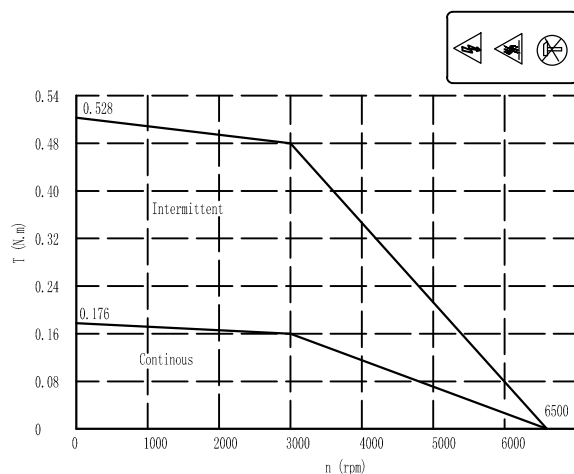
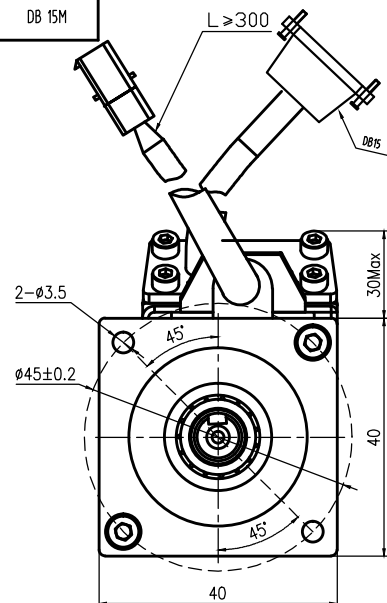
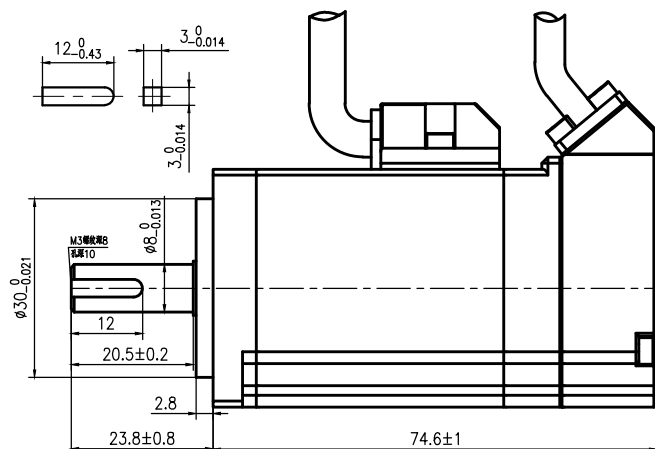


PIN	FUNCTION	COLOR		PIN	FUNCTION	COLOR	
1	VCC +5V	WHITE	AWG28	9	SD	BLUE	AWG28
2	GND	BLACK		10	NC	NC	
3	shield			11	NC	NC	
4	NC	NC		12	NC	NC	
5	NC	NC		13	NC	NC	
6	NC	NC		14	/SD	PURPLE	AWG28
7	NC	NC		15	NC	NC	
8	NC	NC					

5 10
 ○ ○
 ○ ○
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 ○ ○
 1 6 11

DB 15M

Connector Detail (Feedback Wire Cable diameter 5mm)



Elmo  DC BRUSHLESS MOTOR
Velocity Control L40-530A10SNL

W	50	V	48
A	1.5	Nm	0.16
RPM	3000	Ins F	IP 65

MADE for Elmo by Kinavo CHINA

S/N: 307011206KYYDDDDNNNN



CE  C-UL US
E505281

REV	DESCRIPTION	REV	ECN NO.	DESCRIPTION	DRN	APP'D	DATE	DESIGN	DATE	P/N.	307011206SS
								ZZB	2019-01-14	TITLE	Outside Drawing
				UNLESS OTHERWISE SPECIFIED	MATERIAL			CHECK		USED ON	L40-530A10SNL
				TOLERANCES:				YJL	2019-01-14		
				DECIMALS: ANGULAR:				APPD		DWG NO.	REV V2.0
				.x ±0.5				S L	2019-01-14		
				.xx ±0.25 ±0°30'							
				.xxx ±0.1							
				UNIT: mm	FIRST ANGLE PROJECTION			SCALE			ELMO MOTOR
				DO NOT SCALE DRAWING				SHEET	OF		

Technical 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)		1.5
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_e (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		SAR-ML50A/C00
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 175x200x10mm
	Temperature	60K housing temperature ring at 40℃ ambient