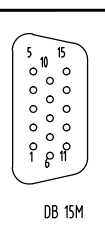
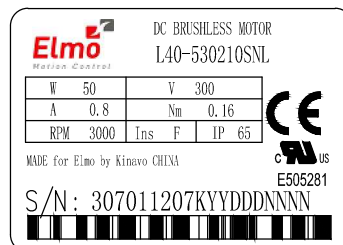
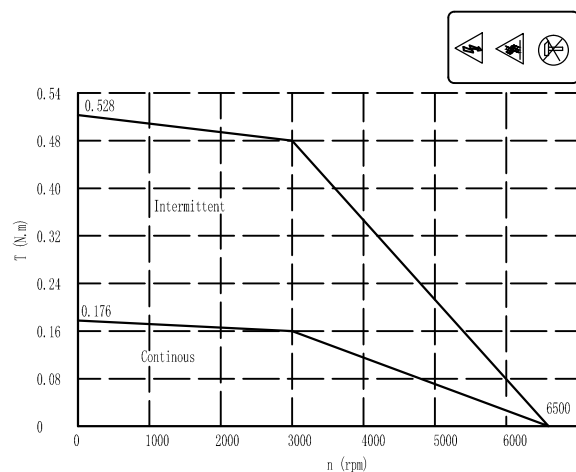
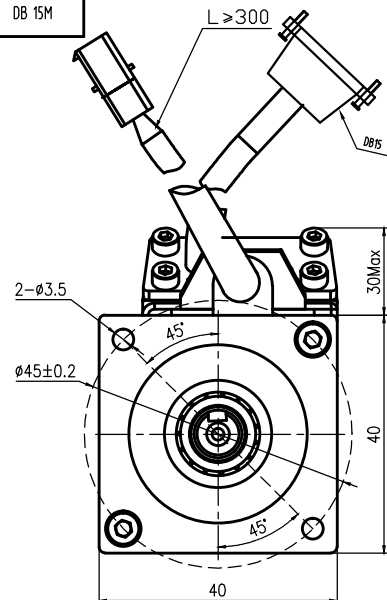
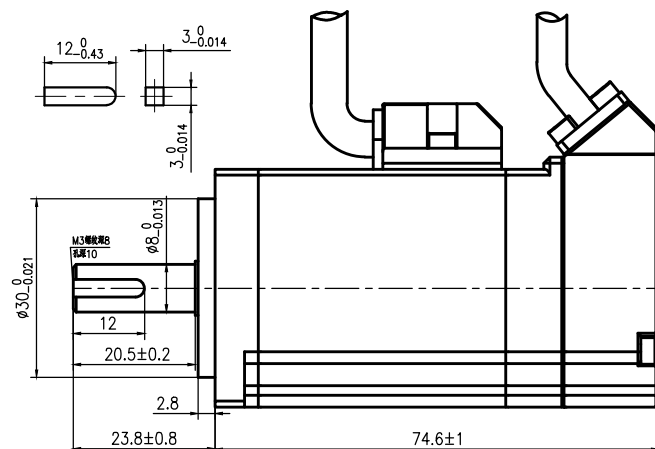


PIN	FUNCTION	COLOR		PIN	FUNCTION	COLOR	
1	VCC +5V	WHITE	AWG28	9	SD	BLUE	AWG28
2	GND	BLACK		10	NC	NC	
3	shield			11	NC	NC	
4	NC	NC		12	NC	NC	
5	NC	NC		13	NC	NC	
6	NC	NC		14	/SD	PURPLE	AWG28
7	NC	NC		15	NC	NC	
8	NC	NC					



Connector Detail (Power Wire Cable diameter 6.5mm)

Connector Detail (Feedback Wire Cable diameter 5mm)



REV	DESCRIPTION							DESIGN	DATE	P/N.	307011207SS		
	REV	ECN NO.	DESCRIPTION		DRN	APP'D	DATE	ZZB	2019-01-14	TITLE	Outside Drawing		
	UNLESS OTHERWISE SPECIFIED			MATERIAL		CONTR.		CHECK	2019-01-14	USED ON	L40-530210SNL		
	TOLERANCES:							YJL			DWG NO.		REV V2.0
	DECIMALS: ANGULAR:							APPD					
	.x ±0.5 ±0°30'							S L					
	.xx ±0.25			FIRST ANGLE PROJECTION 		SCALE		ELMO MOTOR					
	.xxx ±0.1					SHEET				OF			
	UNIT: mm DO NOT SCALE DRAWING												

Technical Data		
No. of poles		10
DC Link Voltage U_{dc} (DC Link)		300
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)		0.8
Maximum torque T_m (N.m)		0.48
Maximum Current I_m (A)		2.4
Standstill torque T_s (N.m)		0.176
Standstill current I_s (A)		0.88
Resistance line-line R_L (Ω)		16.2
Inductance line-line L_L (mH)		18.5
Electrical time constant τ_e (ms)		1.14
Mechanical time constant τ_m (ms)		0.94
Voltage constant K_e (V/krpm)		14.0
Torque constant K_t (Nm/A)		0.232
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-ML50AJC00
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