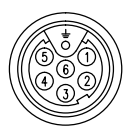
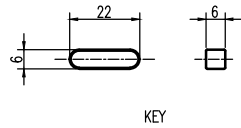


PIN	FUNCTION	COLOR	WIRE GAGE
1	MOTOR U	YELLOW	18AWG
2	MOTOR V	RED	
3	MOTOR W	BLACK	
4	Brake	BLACK	24AWG
5	Brake	BLACK	
6	NC	NC	
≠	MOTOR PE ≠	YELLOW/GREEN	18AWG

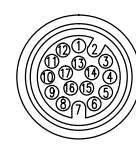


M17 7PIN

Connector Detail (Power Wire)



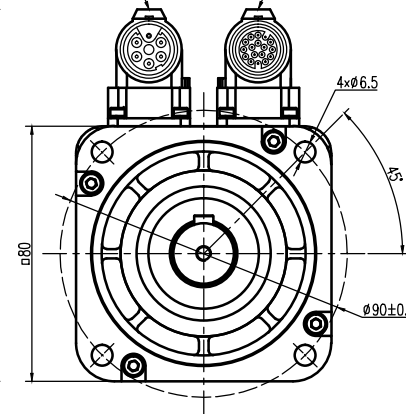
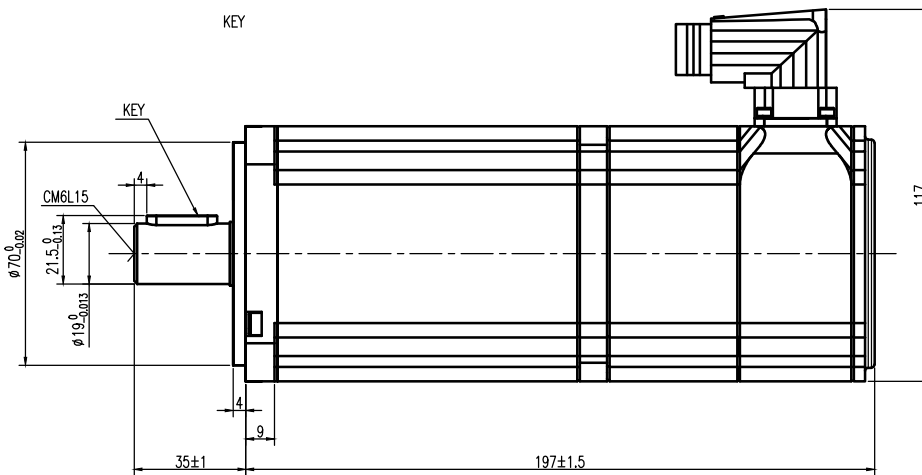
PIN	FUNCTION	COLOR	WIRE GAGE	PIN	FUNCTION	COLOR	WIRE GAGE
1	DC +5V	RED	28AWG	10	/U	BROWN	28AWG
2	GND	BLACK		11	V	WHITE/BLACK	
3	A	BLUE/BLACK		12	/V	WHITE	
4	/A	BLUE		13	Shield	Shield	
5	B	GREEN		14	Z	YELLOW	
6	/B	GREEN/BLACK		15	/Z	YELLOW/BLACK	
7	KTY(+)	RED	26AWG	16	W	GRAY/BLACK	26AWG
8	KTY(-)	BLACK		17	/W	GRAY	
9	U	BROWN/BLACK	28AWG				



M17 17PIN

Connector Detail (Feedback Wire)

BEDC878NN0000152A000 Power Connector
 AEDC874NN0000151A000 Feedback Connector



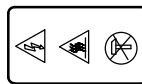
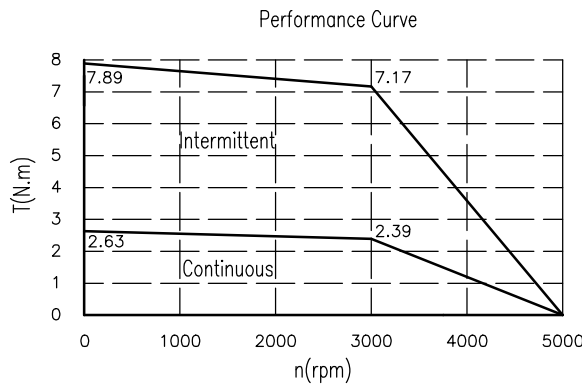
Elmo DC BRUSHLESS MOTOR
L80-753026EBC

W	750	V	300
A	3.9	Nm	2.39
RPM	3000	Ins	F
		IP65	

Holding brake: 24V_{DC} M=3.2Nm

MADE for Elmo by Kinavo CHINA
 S/N: 307011269KYYDDNNNN

CE E505281



Brake Data	
Static friction	3.2N.m
Voltage	24VDC
Power	11.5w

Technical Data	
No. of poles	6
DC Link Voltage U _{DC} (DC Link)	300
Rated Power P _N (W)	750
Rated Torque T _N (N.m)	2.39
Rated Speed n _n (rpm)	3000
Rated Current I _N (A)	3.9
Maximum torque T _m (N.m)	7.17
Maximum Current I _m (A)	11.7
Standstill torque T _S (N.m)	2.63
Standstill current I _S (A)	4.3
Resistance line-line R _L (Ω)	1.4
Inductance line-line L _L (mH)	7.5
Electrical time constant τ _e (ms)	5.36
Mechanical time constant τ _m (ms)	0.75
Voltage constant K _v (V/krpm)	40
Torque constant K _t (Nm/A)	0.662
Rotor moment of inertia J _m (Kg.cm ²)	1.385
Max. voltage rising du/dt(KV/μs)	8
Insulation class	F
Max. radial force Fr(N)	335
Max. axial force Fa(N)	167.5
Weight(Kg)	3.9
Feed back device	2500p/rev incremental encoder TS6014N115
Temperature sensor	KTY84-130
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:1.5% power decreasing per 100m,max.4000m
Rating conditions	Mounting Aluminum flange 255x255x6mm Temperature 60K housing temperature ring at 40℃ ambient

REV	Description of Change	REV	ECN NO.	DRN	APP'D	DATE	DESIGN	DATE	P/N.
V2.0	Change in DC bus voltage Add the wires gage for all wires Add the cable diameter to all cables Add the sign of CE Add the sign of aganist knock lable						YJL	2019-1-30	307011269SS
							ZZB	2019-1-30	Outside Drawing
							SL	2019-1-30	L80-753026EBC
									REV V2.0

UNLESS OTHERWISE SPECIFIED TOLERANCES:
 DECIMALS: .x ±0.5 .xx ±0.25 .xxx ±0.1
 ANGULAR: ±0°30'
 UNIT: mm
 DO NOT SCALE DRAWING

FIRST ANGLE PROJECTION

SCALE SHEET OF

ELMO MOTOR