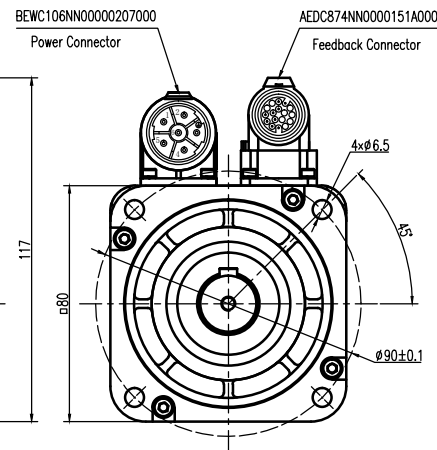
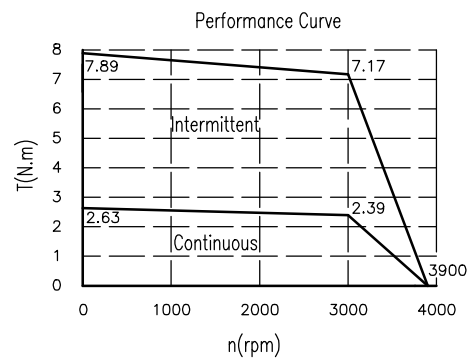
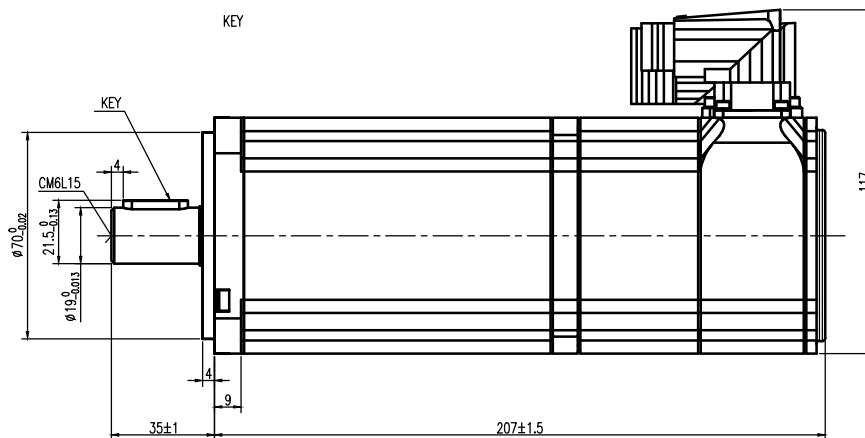


Power ConnectorFeedback Connector

Elmo
MOTOR & CONTROLLER

DC BRUSHLESS MOTOR
L80-7530A6ABC

W	750	V	48
A	19.4	Nm	2.39
RPM	3000	Ins	F IP65

Holding brake 24V_{DC} M-3.2Nm

MADE for Elmo by Kinavo CHINA
S/N: 307011330KYDDDDNNNN

CE

C

E50528

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

Technical Data		
No. of poles		6
Rated Voltage U _N (V)		48
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)		19.4
Maximum torque T _m (N.m)		7.17
Maximum Current I _m (A)		58.2
Standstill torque T _s (N.m)		2.63
Standstill current I _s (A)		21.3
Resistance line-line R _L (Ω)		0.069
Inductance line-line L _L (mH)		0.31
Electrical time constant τ _e (ms)		4.5
Mechanical time constant τ _m (ms)		0.95
Voltage constant K _e (V/krpm)		8.2
Torque constant K _t (Nm/A)		0.1356
Rotor moment of inertia J _m (Kg.cm ²)		1.462
Max. voltage rising du/dt(KV/μs)		8
Insulation class		F
Max. radial force F _r (N)		335
Max. axial force F _a (N)		167.5
Weight(Kg)		4
Feed back device		MAR-H50A-HN20
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					DESIGN	DATE	P/N.		
	Change in DC bus voltage	REV	ECN NO.	DRN	APP'D	DATE	YJL	2019-1-30	TITLE	307011330SS
(23)	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	UNLESS OTHERWISE SPECIFIED TOLERANCES:		MATERIAL		CONTR.	CHECK	ZJB	USED ON	Outside Drawing
		DECIMALS: .x ±0.5 .xx ±0.25 .xxx ±0.1					APPD	2019-1-30	DWG NO.	L80-7530AGABC
		UNIT: mm DO NOT SCALE DRAWING		FIRST ANGLE PROJECTION 		SCALE	SL	2019-1-30	REV	V2.0
						SHEET	OF		ELMO MOTOR	