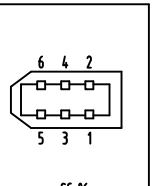
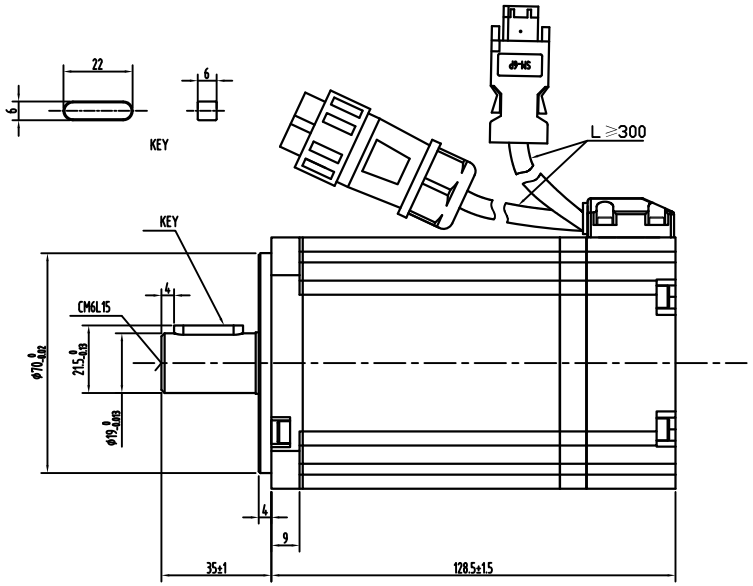
PIN	FUNCTION	COLOR
1	MOTOR U	YELLOW
2	MOTOR V	RED
3	MOTOR W	BLACK
4	MOTOR PE ⏚	YELLOW/GREEN
5	NC	NC

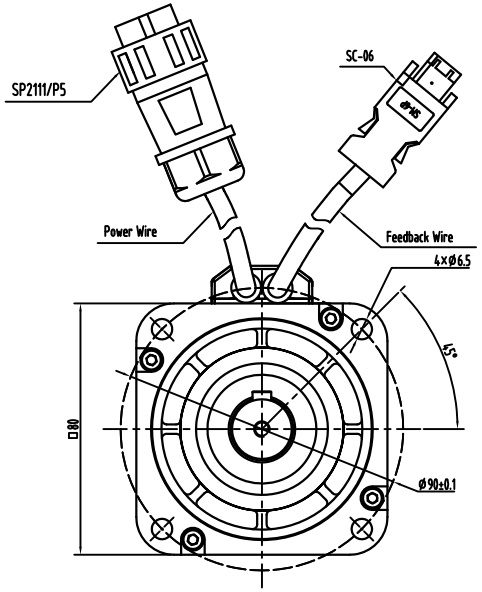
Connector Detail (Power Wire)

PIN	FUNCTION	COLOR
1	VCC +5V	WHITE
2	GND	BLACK
3	VB	ORANGE
4	GND	BROWN
5	SD	BLUE
6	/SD	PURPLE

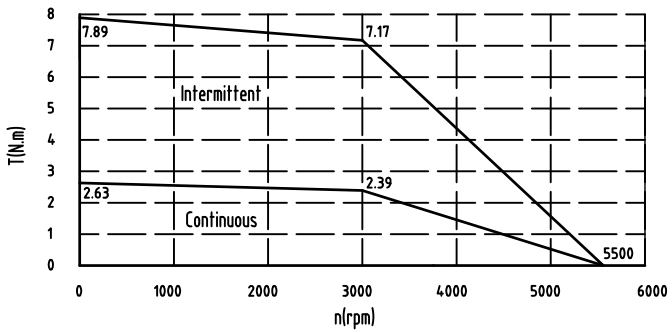


Connector Detail (Feedback Wire)





Performance Curve



Tecnical Data	
No. of poles	6
DC Link Voltage U_{DC} (DC Link)	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
Maximum torque T_m(N.m)	7.17
Maximum Current I_m (A)	57
Standstill torque T_S(N.m)	2.63
Standstill current I_S(A)	20.9
Resistance line-line R_L(Ω)	0.11
Inductance line-line L_L(mH)	0.41
Electrical time constant τ_e (ms)	3.73
Mechanical time constant τ_m (ms)	1.19
Voltage constant K_e(V/krpm)	8
Torque constant K_t(Nm/A)	0.132
Rotor moment of inertia Jm ($Kg.cm^2$)	1.087
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)	2.8
Feed back device	MAR-M50AHN00
Temperature sensor	n.a.
Cooling method	Totally enclosed non-ventilated
protection level	IP65,shaft sealing IP54
Evironmental conditions — Temperature	-20℃ 40℃
Evironmental conditions — Humidity	Below 90%RH (No dewing)
Evironmental conditions — Environment	Far away active gas,combustible gas,oil drop,ash.
Evironmental conditions — Installation altitude	UP TO 1000m:rated power, above 1000m:1.5% power decreasing per 100m,max.4000m
Rating conditions — Mounting	Aluminum flange 255x255x6mm
Rating conditions — Temperature	60K housing temperature ring at 40℃ ambient

SN:57NUK0SYYDDDNNNN

V1.1	KA190067	YJL	SL	2019.4.8	DESIGN	DATE	P/N. 9.5559SS
REV	ECN NO.	DRN	APP'D	DATE	YJL	2019.4.8	TITLE Outside Drawing
UNLESS OTHERWISE SPECIFIED TOLERANCES: DECIMALS: .x ±0.5 .xx ±0.25 .xxx ±0.1 ANGULAR: ±0°30' UNIT: mm DO NOT SCALE DRAWING		MATERIAL		CONTR.	CHECK ZZB	2019.4.8	USED ON SMS80S-0075-30KAK-3DSU
					APPD SL	2019.4.8	DWG NO. REV V1.1
		FIRST ANGLE PROJECTION			SCALE		Kinco
					SHEET OF		