

PIN	FUNCTION	COLOR
1	BRAKE (+)	RED
2	BRAKE (-)	BLUE



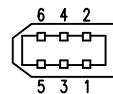
Housing:H66L6-02P  
Terminal:T66L6-B

Connector Detail (Brake Wire)

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

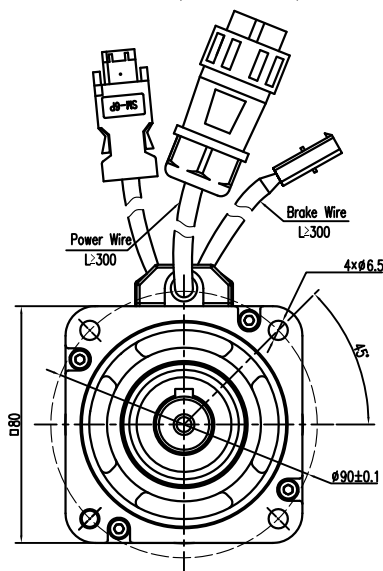
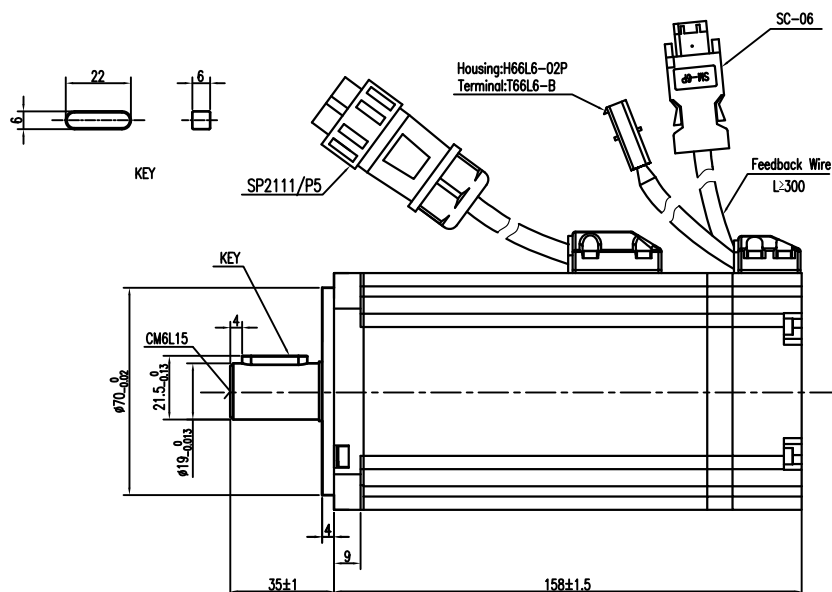
Connector Detail (Power Wire)

PIN	FUNCTION	COLOR
1	VDD	RED
2	GND	BLACK
3	MA_P+	BROWN
4	MA_N-	BLUE
5	SLO_P+	YELLOW
6	SLO_N-	GREEN

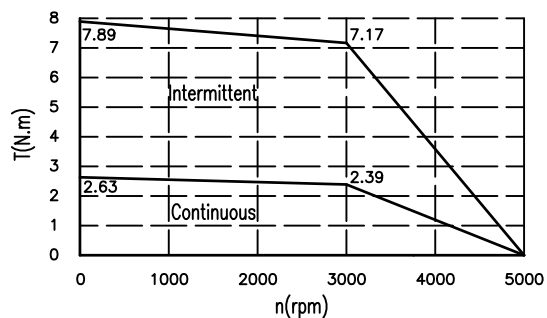


SC-06

Connector Detail (Feedback Wire)



Performance Curve



SN:67BUK00YDDNNNN

Brake Data

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

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 $R_L$ ( $\Omega$ )	0.11	
Inductance line-line $L_L$ (mH)	0.41	
Electrical time constant $\tau_e$ (ms)	3.73	
Mechanical time constant $\tau_m$ (ms)	1.198	
Voltage constant $K_e$ (V/krpm)	8	
Torque constant $K_t$ (Nm/A)	0.132	
Rotor moment of inertia $J_m$ (Kg.cm <sup>2</sup> )	1.099	
Max. voltage rising $du/dt$ (KV/ $\mu$ s)	8	
Insulation class	F	
Max. radial force $F_r$ (N)	335	
Max. axial force $F_a$ (N)	167.5	
Weight(Kg)	3.4	
Feed back device	ME16MHM-04	
Temperature sensor	n.a.	
Cooling method	Totally enclosed non-ventilated	
protection level	IP65,shaft sealing IP54	
Vibration	10~150(Hz) 0.35mm or 50m/s <sup>2</sup> 10 time 30min	
Shock	150m/s <sup>2</sup> 11ms Half sine 3 time	
Dynamic balance grade	G2.5	
Environmental conditions	Temperature	-20℃~40℃
	Humidity	Below 90%RH (No dewing)
	Environment	Far away active gas,combustible gas,oil drop,as
	Installation altitude	UP TO 1000m:rated power, above 1000m:1.5% power decreasing per 100m,max.4000m
Rating conditions	Mounting	Aluminum flange 255x255x8mm
	Temperature	60K housing temperature ring at 40℃ ambient

VL1	KJ180200				DESIGN	DATE	P/N
REV	ECN NO.	DRN	APP'D	DATE	YJL	2018.10.24	9.6954SS
UNLESS OTHERWISE SPECIFIED		MATERIAL	CONTR.	CHECK			Outside Drawing
TOLERANCES					ZZB	2018.10.24	USED ON
DECIMALS:					APPD		SMC80S-0075-30MBK-3DSU
X $\pm 1$					SL	2018.10.24	DWG NO.
.X $\pm 0.5$							REV
.XX $\pm 0.25$							V1.1
.XXX $\pm 0.1$							
UNIT: mm							
DO NOT SCALE DRAWING							
		FIRST ANGLE PROJECTION			SCALE		Kinco
					SHEET	OF	