

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

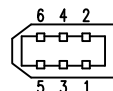


Connector Detail (Brake Wire)

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

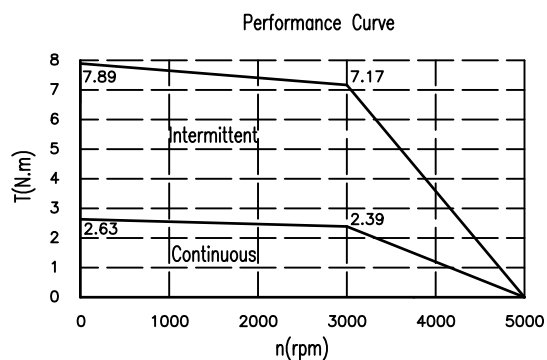
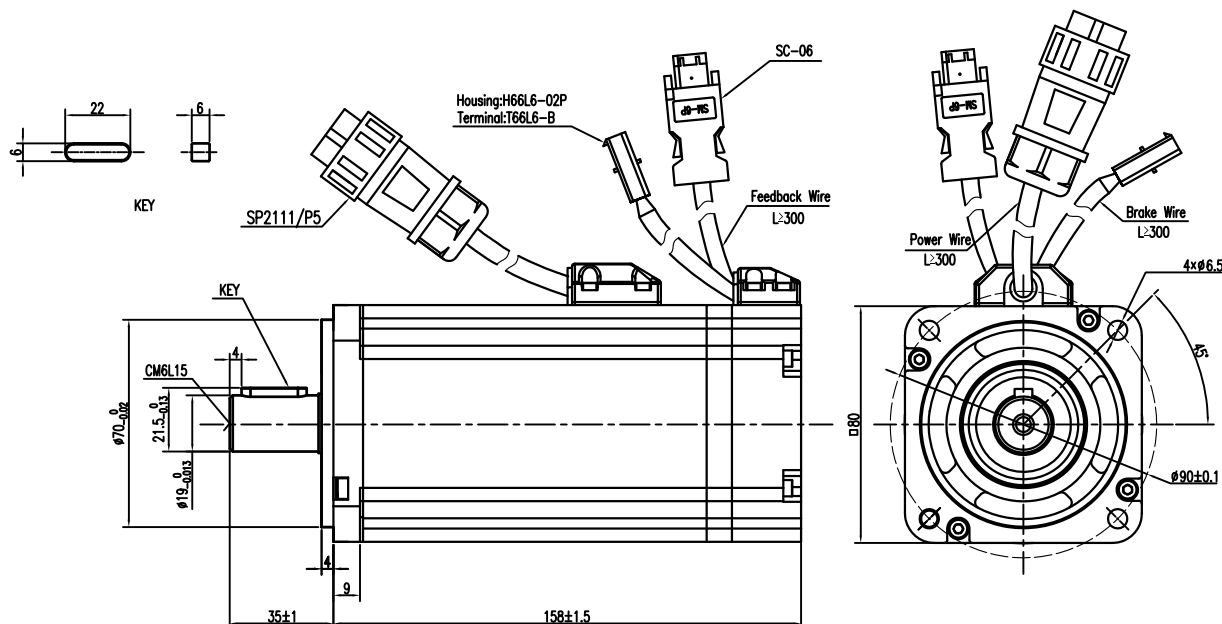
Connector Detail (Power Wire)

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



SC-06

Connector Detail (Feedback Wire)



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 (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 J_m (Kg.cm ²)	1.099
Max. voltage rising du/dt (KV/ μ 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	MAR-M50AHN00
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 ² 10 time 30min
Shock	150m/s ² 11ms Half sine 3 time
Dynamic balance grade	G2.5

Environmental conditions

Temperature	-20C~40C
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
Mounting	Aluminum flange 255x255x8mm
Temperature	60K housing temperature ring at 40C ambient

SN:57BK0SYDDNNNN

REV	ECN NO.	DRN	APP'D	DATE	DESIGN	DATE	P/N
					YJL	2018.12.24	9.5560SS
UNLESS OTHERWISE SPECIFIED				MATERIAL		CONTR.	TITLE
TOLERANCES						CHECK	Outside Drawing
DECIMALS:						ZZB	USED ON
ANGULAR:						APPD	SMS80S-0075-30KBK-3DSU
X	±1				SL	2018.12.24	DWG NO.
.X	±0.5	±0°30'					REV
.XX	±0.25						V1.0
.XXX	±0.1						
UNIT: mm				FIRST ANGLE PROJECTION		SCALE	
DO NOT SCALE DRAWING						SHEET	
						OF	

Kinco