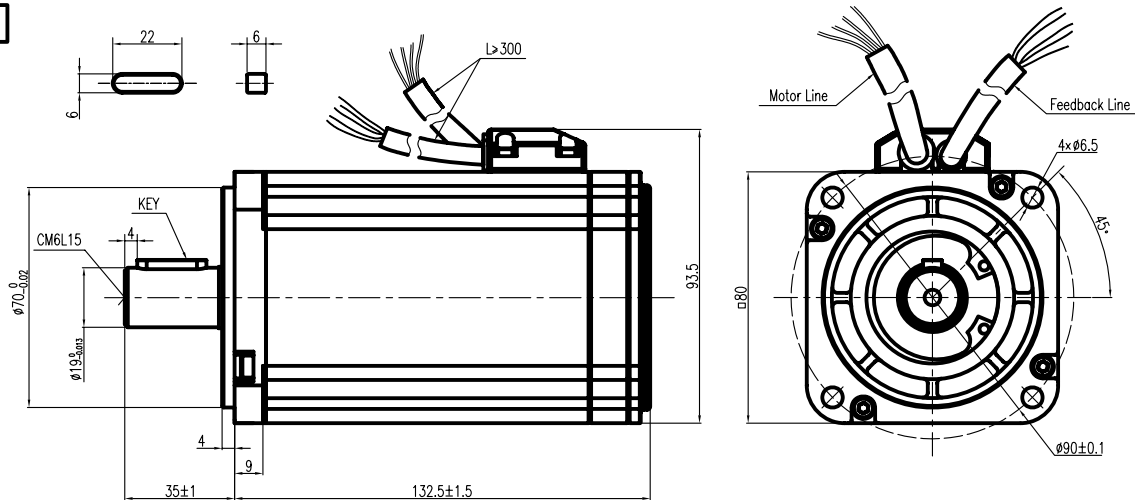


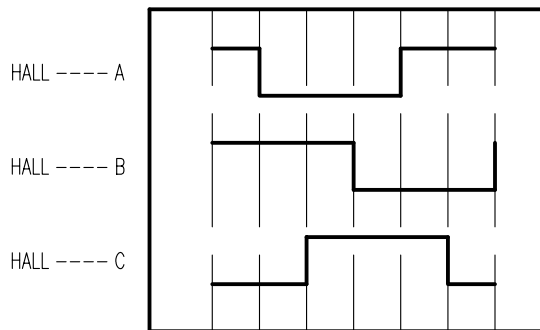
Demension



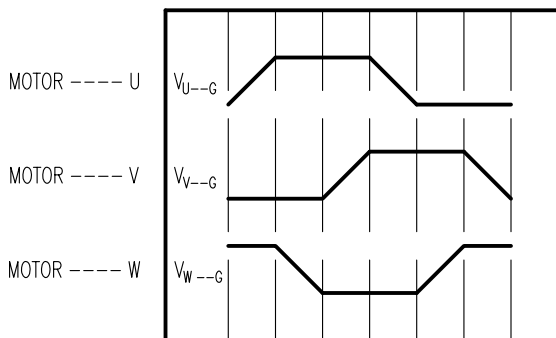
Technical Data

Motor Technical Data		
No. of poles	8	
Voltage U_{bc} (V)	48	
Rated Power P_N (W)	650	
Rated Torque T_N (N.m)	2.07	
Rated Speed n_n (rpm)	3000	
Rated Current I_N (A)	18	
Resistance line-line R_L (Ω)	0.08	
Inductance line-line L_L (mH)	0.5	
Voltage constant K_e (V/krpm)	8.4	
Torque constant K_t (Nm/A)	0.1027	
Rotor moment of inertia J_m (Kg.cm ²)	1.9	
Insulation class	F	
Max. radial force F_r (N)	335	
Max. axial force F_a (N)	167.5	
Weight(Kg)	3.3	
Feed back device	HALL Sensor(switch)	
Cooling method	Totally enclosed non-ventilated	
protection level	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

Motor to Hall Relationship



ELECT DEGREES 0° 60° 120° 180° 240° 300° 360°



PHASE TO GROUND VOLTAGE
ROTATION CW FROM THE FLANGE

Line Define

Power Wire

Yellow(12AWG)	Motor U
Red(12AWG)	Motor V
Black(12AWG)	Motor W
YEL/GRN(16AWG)	PE

Feedback Wire

Red(24AWG)	Vcc +5V
Blue(24AWG)	GND
Gray(28AWG)	Hall A
Green(28AWG)	Hall B
White(28AWG)	Hall C

DESIGN	DATE	P/N.	K3.162.5043SS
REV	ECN NO.	DESCRIPTION	TITLE 外形图
UNLESS OTHERWISE SPECIFIED TOLERANCES		MATERIAL	USED ON K80BL60-48V-30-650
DECIMALS: .x ±0.5 .xx ±0.25 .xxx ±0.1		CONTR.	DWG NO.
ANGULAR: ±0°30'		APPD	REV A
UNIT: mm		FIRST ANGLE PROJECTION	SCALE
DO NOT SCALE DRAWING			SHEET OF
KINAVO MOTOR			