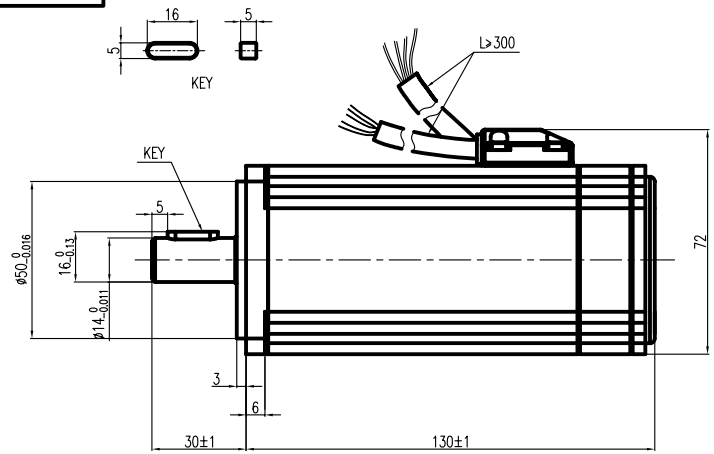
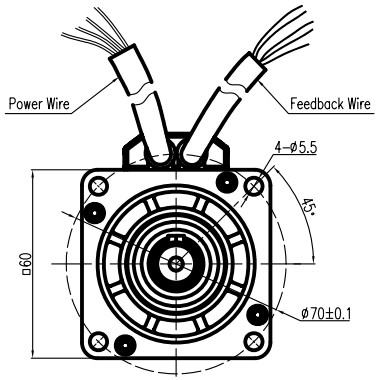
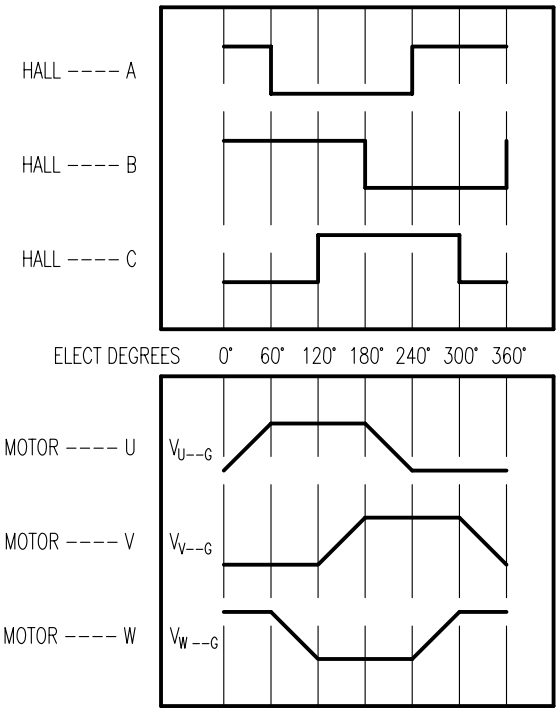
Demension





Motor to Hall Relationship



PHASE TO GROUND VOLTAGE
ROTATION CW FROM THE FLANGE

Line Define

Power Wire

Yellow(16AWG)	Motor U
Red(16AWG)	Motor V
Black(16AWG)	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

Tecnichal Data

Motor Tecnical Data		
No. of poles		8
Voltage U_{DC} (V)		48
Rated Power P_N(W)		400
Rated Torque T_N(N.m)		1.27
Rated Speed n_N(rpm)		3000
Rated Current I_N(A)		12
Resistance line-line R_L(Ω)		0.28
Inductance line-line L_L(mH)		0.83
Voltage constant K_e(V/krpm)		8
Torque constant K_t(Nm/A)		0.098
Rotor moment of inertia Jm ($Kg.cm^2$)		0.51
Insulation class		F
Max. radial force Fr(N)		180
Max. axial force Fa(N)		90
Weight(Kg)		1.6Kg
Feed back device		HALL Sensor(switch)
Cooling method		Totally enclosed non-ventilated
protection level		IP54
Evironmental 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

REV	ECN NO.	DESCRIPTION	DRN	APP'D	DATE

UNLESS OTHERWISE SPECIFIED TOLERANCES
DECIMALS: ANGULAR:
.x ±0.5 ±0°30'
.xx ±0.25
.xxx ±0.1
UNIT: mm
DO NOT SCALE DRAWING

MATERIAL | CONTR. | DESIGN | DATE | CHECK | APPD

FIRST ANGLE PROJECTION | SCALE | SHEET OF

P/N.	K3.162.0085SS
TITLE	外形图
USED ON	K60BL60-48V-30-400
DWG NO.	REV A

KINAVO MOTOR