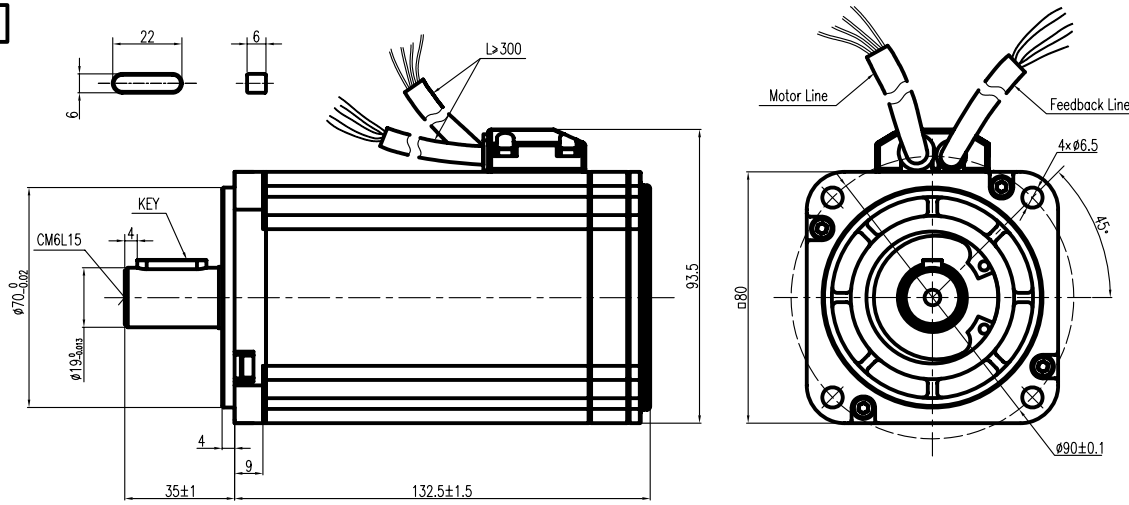


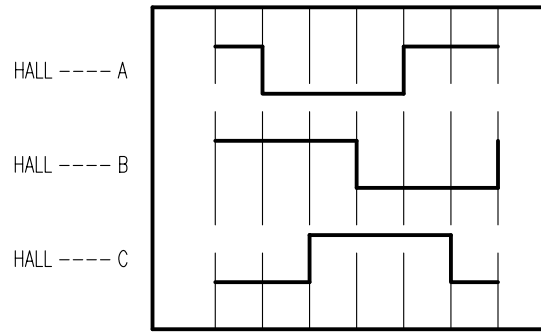
Demension



Technical Data

Motor Technical Data		
No. of poles	8	
Voltage U_{bc} (V)	310	
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)	4(REF)	
Resistance line-line R_L (Ω)	TBD	
Inductance line-line L_L (mH)	TBD	
Voltage constant K_e (V/krpm)	TBD	
Torque constant K_t (Nm/A)	TBD	
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°C~40°C
	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

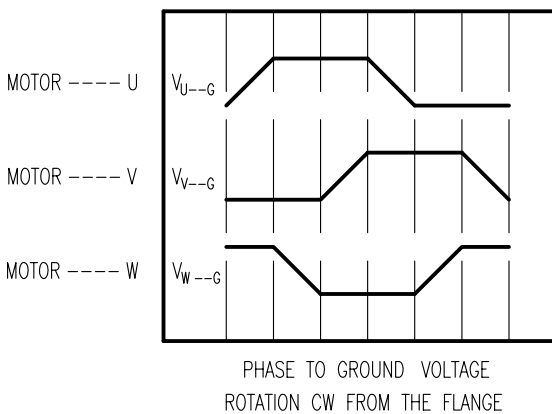
Motor to Hall Relationship



Line Define

Power Wire	
Yellow(18AWG)	Motor U
Red(18AWG)	Motor V
Black(18AWG)	Motor W
YEL/GRN(18AWG)	PE

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



REV	ECN NO.	DESCRIPTION	DRN	APP'D	DATE	DESIGN	DATE	P/N.
UNLESS OTHERWISE SPECIFIED TOLERANCES						MATERIAL	CONTR.	CHECK
DECIMALS:		ANGULAR:				APPD		TITLE
.x ±0.5		±0°30'				SCALE		KINAVO MOTOR
.xx ±0.25						SHEET OF		
.xxx ±0.1						FIRST ANGLE PROJECTION		USED ON
UNIT: mm						DO NOT SCALE DRAWING		DWG NO.
								REV
								A

外形图

K80BL60-310V-30-750

KINAVO MOTOR