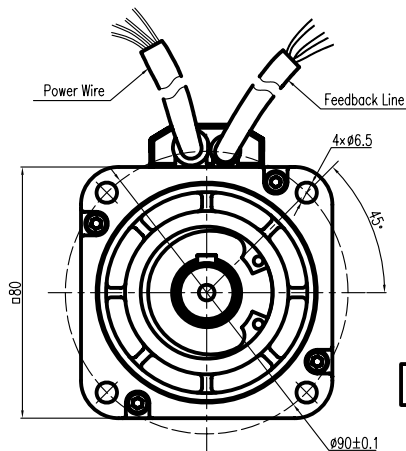
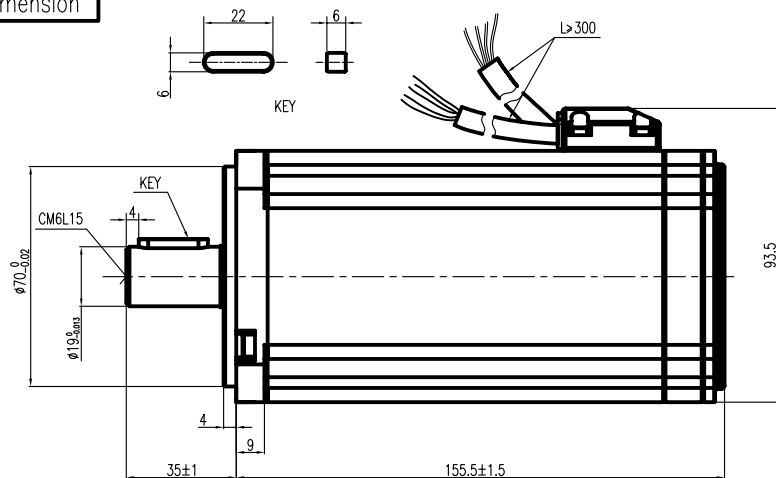


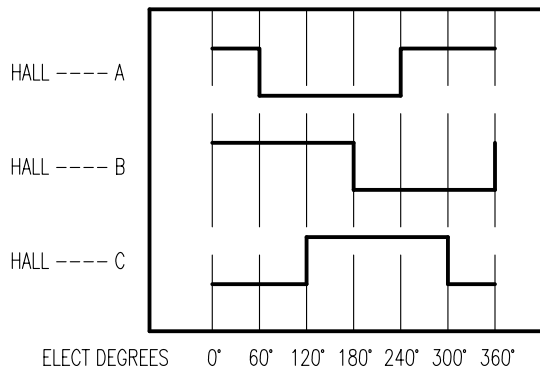
Demension



Technical Data

Motor Technical Data		
No. of poles	8	
Voltage $U_{nc}$ (V)	500	
Rated Power $P_n$ (W)	1000	
Rated Torque $T_n$ (N.m)	3.18	
Rated Speed $n_n$ (rpm)	3000	
Rated Current $I_n$ (A)	3.2 (REF)	
Resistance line-line $R_L$ (Ω)	TBD	
Inductance line-line $L_L$ (mH)	TBD	
Voltage constant $K_e$ (V/krpm)	83 (REF)	
Torque constant $K_t$ (Nm/A)	1 (REF)	
Rotor moment of inertia $J_m$ (Kg.cm <sup>2</sup> )	1.9	
Insulation class	F	
Max. radial force $F_r$ (N)	335	
Max. axial force $F_a$ (N)	167.5	
Weight (Kg)	4.2Kg	
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



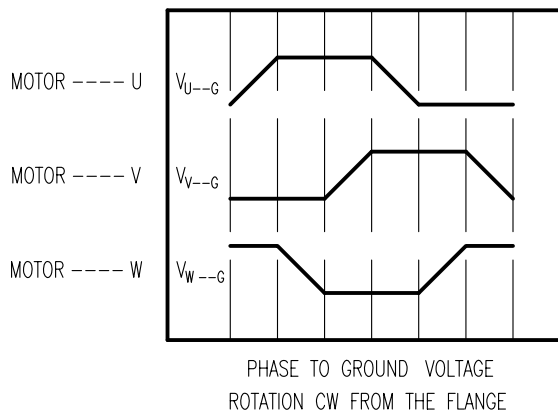
Line Define

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



DESIGN	DATE	P/N.
REV	ECN NO.	DESCRIPTION
DRN	APP'D	DATE
MATERIAL	CONTR.	CHECK
UNLESS OTHERWISE SPECIFIED TOLERANCES		
DECIMALS: .x ±0.5	ANGULAR: ±0°30'	
.xx ±0.25		
.xxx ±0.1		
UNIT: mm		
DO NOT SCALE DRAWING		
FIRST ANGLE PROJECTION	SCALE	SHEET OF
TITLE	外形图	
USED ON	K80BL80-500V-30-1000	
DWG NO.		REV A
KINAVO MOTOR		