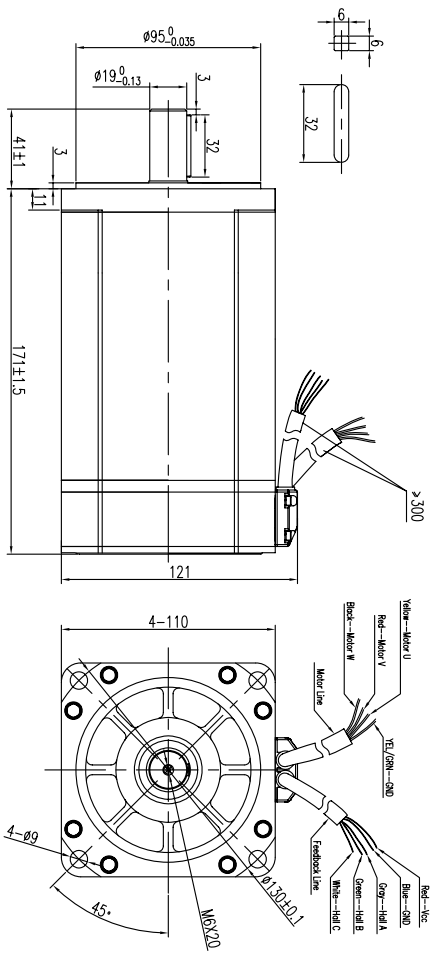
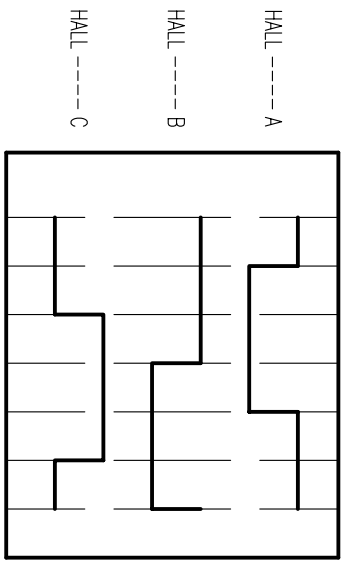


Dimension



Motor to Hall Relationship

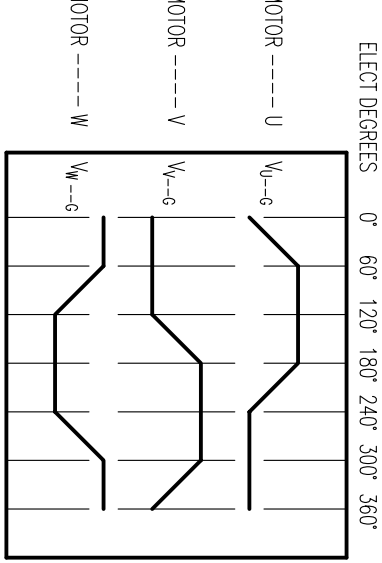


Line Define

Yellow	Motor U
Red	Motor V
Black	Motor W
Yellow/Green	PE

Feedback Wire

Red	Vcc +5V
Blue	GND
Gray	Hall A
Green	Hall B
White	Hall C



PHASE TO GROUND VOLTAGE
ROTATION CW FROM THE FLANGE

Technical Data

No. of poles	8
Voltage Use (V)	310
Rated Power P _r (W)	1570
Rated Torque T _r (N.m)	5.0
Rated Speed n _r (rpm)	3000
Rated Current I _r (A)	6.0(Ref)
Peak torque T _{max} (N.m)	15
Peak Current I _{max} (A)	18(Ref)
Resistance line-line R _L (Ω)	TBD
Inductance line-line L _L (mH)	TBD
Electrical time constant τ _e (ms)	TBD
Voltage constant K _v (V/krpm)	TBD
Torque constant K _t (N.m/A)	TBD
Rotor moment of inertia J _m (kg.cm ²)	7.2
Insulation class	F
Max. radial force F _r (N)	630
Max. axial force F _a (N)	315
Weight(kg)	6.2Kg
Feed back device	HALL Sensor(witch)
Temperature	-20°C~40°C
Humidity	Below 90%RH (No dewing)
Environment	For 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. NO.	DESCRIPTION	DRN. APP'D.	DATE	DESIGN	DATE
UNLESS OTHERWISE SPECIFIED TOLERANCES:		CONTR.		CHECK	
DECIMALS: ±0.5		APPD		TITLE	
ANGULAR: ±0°30'		SCALE		USED ON	
.xxx ±0.25		SHEET		K110B185-310V-30-1570	
.xxx ±0.1		OF		REV. A	
UNIT: mm		DO NOT SCALE DRAWING		KINAVO MOTOR	