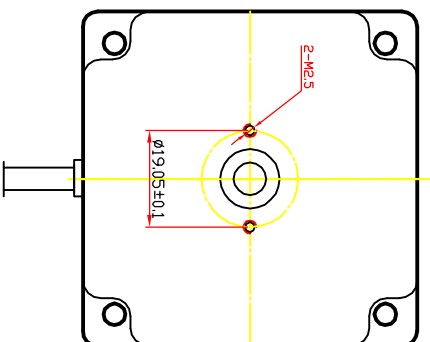
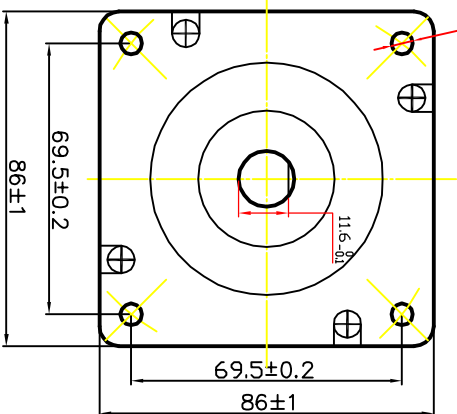
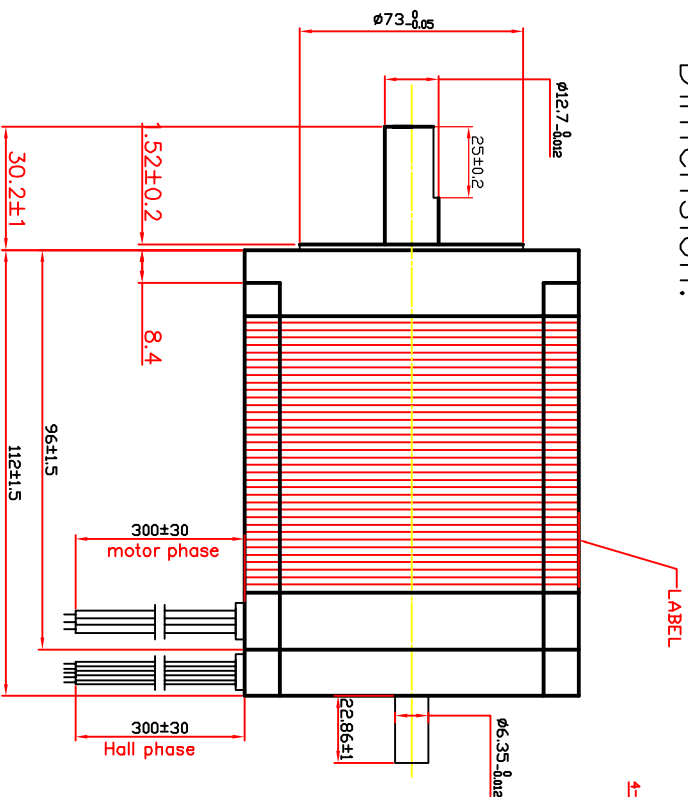
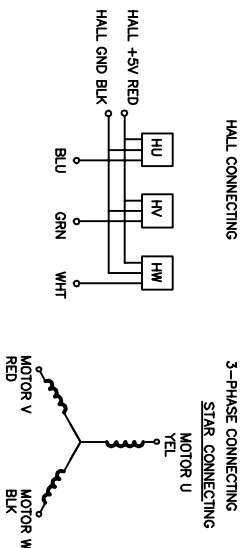


Dimension:



Wiring Diagram:



				NUMBER OF POLE		8 POLES	
				LINE TO LINE RESISTANCE		0.160mΩ±10%(AT 25°C)	
				LINE TO LINE INDUCTANCE		0.5mH±20%(AT 1KHz)	
				NOMINAL VOLTAGE		48VDC	
				ROTOR INERTIA		1.6kg.cm ²	
				WEIGHT		3.15kg	
				CONNECTING MODEL		STAR	
				NOLOAD SPEED		3600RPM±10%	
				NOLOAD CURRENT		1.2A(REF)	
				RATED TORQUE		1.4N.m	
				RATED SPEED		3000RPM±10%	
				PEAK TORQUE		4.2N.m	
				PEAK CURRENT		37A	
				TORQUE CONSTANT		0.13N.m/A±10%	
				BACK EMF		9.4Vrms/KRPM±10%	
				INSULATION RESISTANCE		500VDC, >=100MΩrms	
				HIPOT TESTING BETWEEN WINDING & HOUSING		600VAC, 1S, 2mA	
				HIPOT TESTING BETWEEN MOTOR PHASES		300VAC, 1S, 2mA	
				INSULATION CLASS		B	
				WIRE DIAGRAM			
UL1332 AWG22#				UL1332 AWG18#			
HALL +5V	HALL U	HALL V	HALL W	HALL GND	MOTOR U	MOTOR V	MOTOR W
RED	BLU	GRN	WHT	BLK	YEL	RED	BLK

REVECN	ND	DESCRIPTION	DRN	APP'D	DATE	DESIGN	DATE	P/N
UNLESS OTHERWISE SPECIFIED		MATERIAL				CHECK		TITLE SPECIFICATIONS
TOLERANCES:								USED ON KL34BLS-98-B
DECIMALS:		ANGULAR:				APP'D		DWG N.D.
.X		±0.5						REV
.XX		±0.25						
.XXX		±0.1						
UNIT: mm								
DO NOT SCALE DRAWING								
FIRST ANGLE PROJECTION						SCALE	DF	Automation Technology
						SHEET		

ROTATION: CW VIEWED FROM THE OUTPUT SHAFT

SENSOR OUTPUT	H1	H2	H3	PHU	PHV	PHW
	1	0	1	LOW	HIGH	X
	1	0	0	LOW	X	HIGH
	1	1	0	X	LOW	HIGH
	0	1	0	HIGH	LOW	X
	0	1	1	HIGH	X	LOW
	0	0	1	X	HIGH	LOW