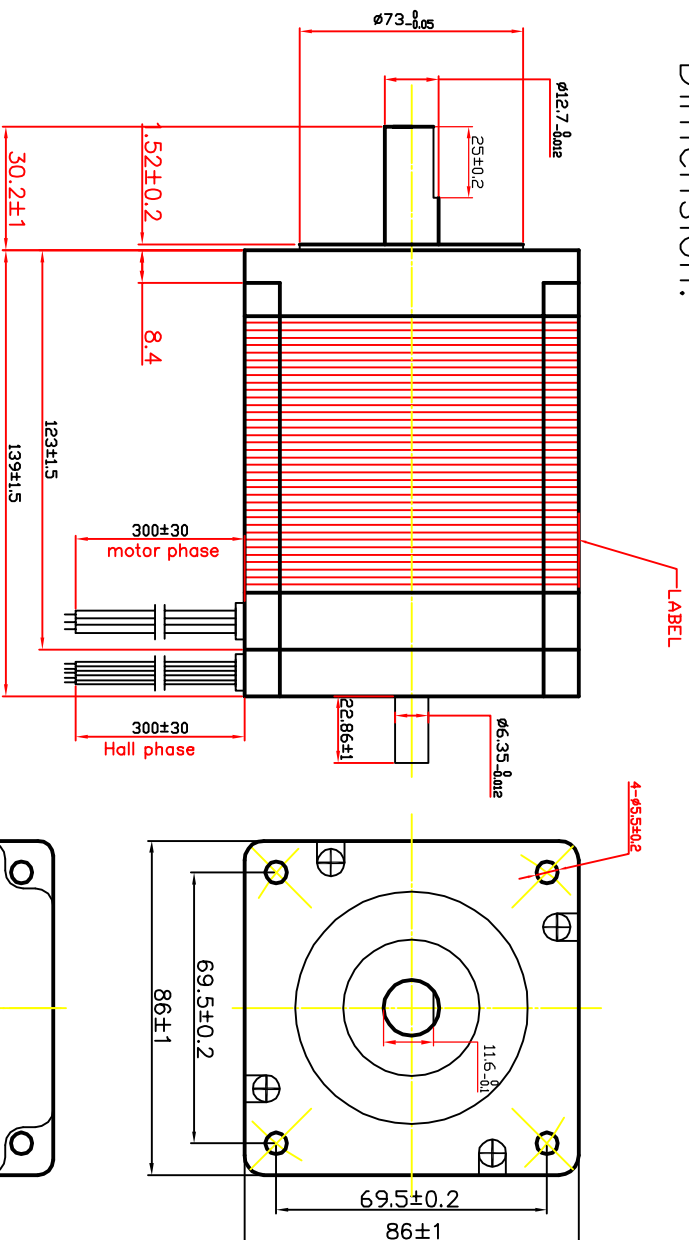
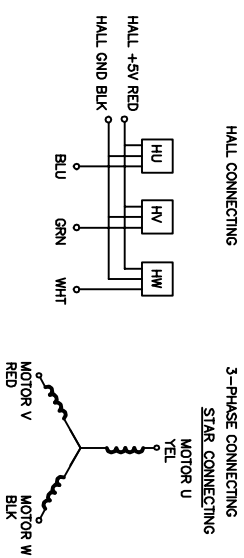


Dimension:



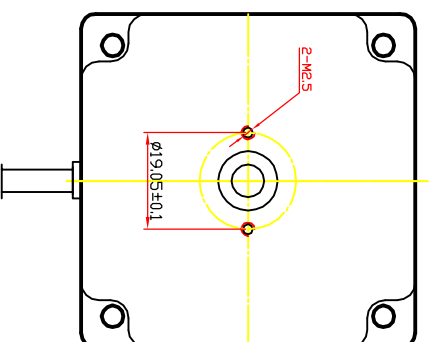
Wiring Diagram:



NUMBER OF POLE	8 POLES
LINE TO LINE RESISTANCE	0.115ohms±10%(AT 25°C)
LINE TO LINE INDUCTANCE	0.31mH±20%(AT 1KHz)
NOMINAL VOLTAGE	48VDC
ROTOR INERTIA	2.4kg.cm ²
WEIGHT	4.2kg
CONNECTING MODEL	STAR
N.O LOAD SPEED	3500RPM±10%
N.O LOAD CURRENT	1.75A(REF)
RATED TORQUE	2.1N.m
RATED SPEED	3000RPM±10%
PEAK TORQUE	6.3N.m
PEAK CURRENT	56A
TORQUE CONSTANT	0.112N.m/A±10%
BACK EMF	9.5Vrms/KRPM±10%
INSULATION RESISTANCE	500VDC, >=100Mohms
TEMPERATURE RISE BETWEEN	600VAC, 1S, 2mA
HIPOT TESTING BETWEEN	300VAC, 1S, 2mA
MOTOR PHASES	
INSULATION CLASS	B

WIRE DIAGRAM

UL1332 AWG22#	HALL +5V	HALL U	HALL V	HALL W	HALL GND	MOTOR U	MOTOR V	MOTOR W
RED	BLU	GRN	WHT	BLK	YEL	RED	BLK	BLK



REV/ECN	ND	DESCRIPTION	DRN	APP'D	DATE
UNLESS OTHERWISE SPECIFIED TOLERANCES:			CHECK		
DECIMALS:			APP'D		
.X ±0.5					
.XX ±0.25					
.XXX ±0.1					
UNIT: mm					
DO NOT SCALE DRAWING					
FIRST ANGLE PROJECTION			SCALE	DF	
TITLE SPECIFICATIONS					
USED ON KL34BLS-125-B					
DWG NO.			REV		

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

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