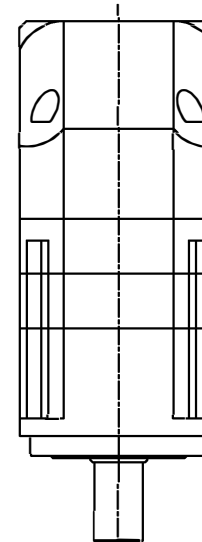
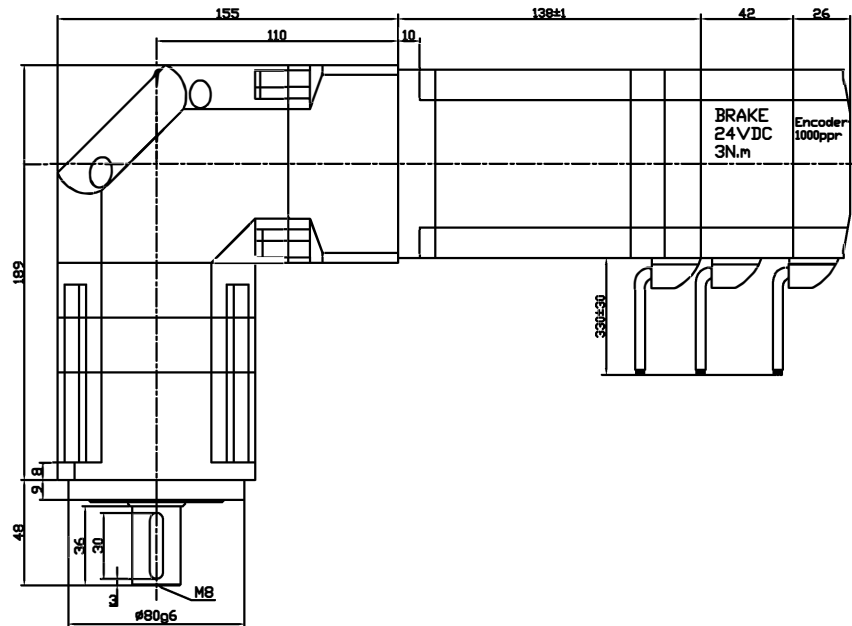


Dimension:
Unit=mm



ROTATION: CW VIEWED FROM OUTPUT SHAFT

MANUFACTURER MODEL	KL86BLS125-TF20BKED
NUMBER OF POLES	8
PHASE TO PHASERESISTANCE	0.13 OHMS
NOMINAL VOLTAGE	48 VDC
NO LOAD SPEED	3700±10% RPM
NO LOAD CURRENT	2.8 Amps Max.
RATED TORQUE	2.1 N-m
RATED SPEED	3000±10% RPM
OUTPUT POWER	660 W
BACK EMF CONSTANT	13 V/krPM
TORQUE CONSTANT	0.124 N-m/A
INSULATION CLASS	B
MOTOR SPECIFICATIONS WITH PLANETARY GEAR	
RATED TORQUE	39 N-m
RATED SPEED	150±10% RPM
RATIO	1:20
BACKHAUL GAP	≅10arcmin
RATED TORQUE OF GEARBOX	150 N-m

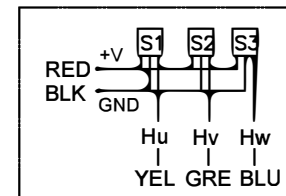
Encoder Wiring Diagram:

EA+	Encoder A phase output+	BLACK
EA-	Encoder A phase output-	BLUE
EB+	Encoder B phase output+	YELLOW
EB-	Encoder B phase output-	GREEN
Vcc	Encoder Voltage(+5V)	RED
EGND	Encoder Grand(0V)	WHITE

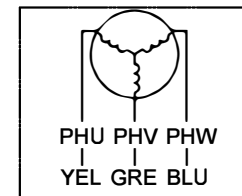
ELECTRICAL CONNECTION TABLE

+5V	RED	UL1007 26 AWG
HALL U	YEL	
HALL V	GRE	
HALL W	BLU	
GND	BLK	AF 1.5
PHASE U	YEL	
PHASE V	GRE	
PHASE W	BLU	

Connection diagram:



Hall sensor cable
Note: hall sensor power supply
voltage +5 to +20VDC



Wiring cable

Title:
Specification

REV.	QTY.	No.	SIG.	DATE	CLS.MAK	WEIGHT	SCALE
		21.10.18	STD.				
CHECK					PAGE: 1/1		
PROC.			APPR.				