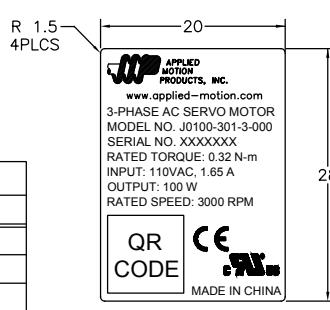


ENCODER CONNECTION TABLE

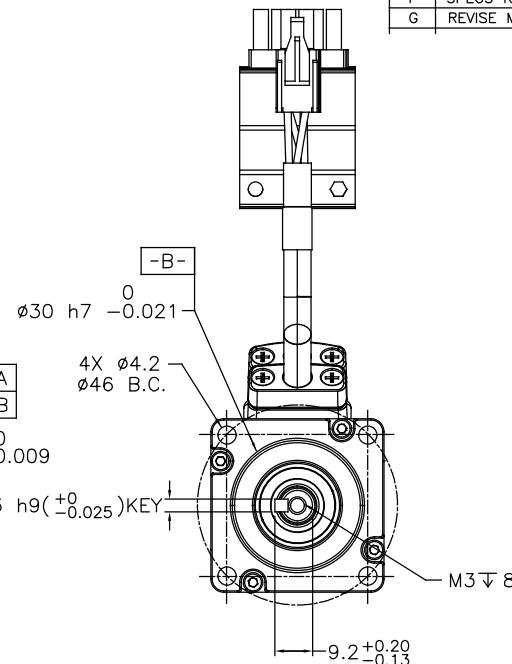
PIN	LEAD COLOR	SIGNAL
1	RED	+5V
2	BLACK	GROUND
3	BROWN	U+
4	BROWN/BLACK	U-
5	GRAY	V+
6	GRAY/BLACK	V-
7	WHITE	W+
8	WHITE/BLACK	W-
9	BLUE/BLACK	A+
10	BLUE	A-
11	GREEN	B+
12	GREEN/BLACK	B-
13	YELLOW	Z+
14	YELLOW/BLACK	Z-
15	SHIELD	SHIELD

MOTOR CONNECTION TABLE

PIN	LEAD COLOR	SIGNAL
1	RED	PHASE U
2	YELLOW	PHASE V
3	BLUE	PHASE W
4	YELLOW/GREEN	GROUND



EXAMPLE OF LABEL



REVISIONS

REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE ECO 7004	5/29/14	J Kordik
B	REVISED LENGTH ECO 7055	8/28/14	J Kordik
C	ADD LABEL ECO 7060	9/15/14	J Kordik
D	REVISE SPEC PER ECO 7205	5/8/15	J Kordik
E	ADD UL TO LABEL PER ECO 7330	10/12/15	J KORDIK
F	SPECS REVISED PER ECO 7510	10/19/16	J Kordik
G	REVISE MOTOR OUTLINE PER ECO 7682	8/1/17	J Kordik

NOTES: UNLESS OTHERWISE SPECIFIED

1. A SHAFT SEAL IS SHIPPED WITH MOTOR, BUT NOT INSTALLED.
2. TIMING LOGIC IS CCW AS VIEWED FROM FRONT SHAFT.
3. MOTOR IS IP65, EXCEPT SHAFT OPENING AND CABLE CONNECTOR.
4. INSTALL INDOORS, AWAY FROM DIRECT SUNLIGHT AND FLAMMABLE GASES.
5. 1000M MAX ALTITUDE.

TOLERANCES		THIRD ANGLE PROJECTION		APPLIED MOTION PRODUCTS, INC.
DECIMALS: MM (INCH)				
X.XXX= ±0.013 (.005)				
X.XX = ±0.25 (.01)				
X.X = ±2.5 (.01)				
ANGLES:				
MACH. = ±.5°				
CHAM. = ±5°				
COMPUTER DATA		APPROVALS		DATE
BASE DRAWING		DRAWN	R.JONEZ	5/19/14
		CHECKED		
		APPROVED		
		SCALE: NONE		SHEET 1 OF 2

APPLIED MOTION PRODUCTS, INC.

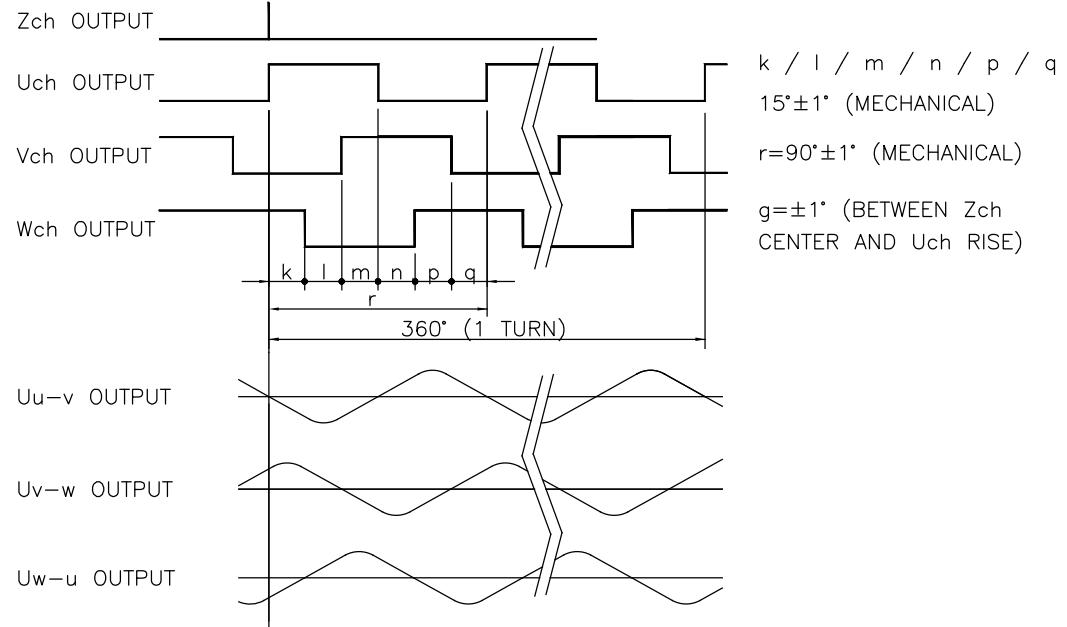
AC SERVO MOTOR

B DWG NO. J0100-301-3-000 REV G

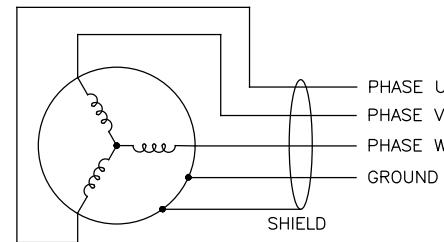
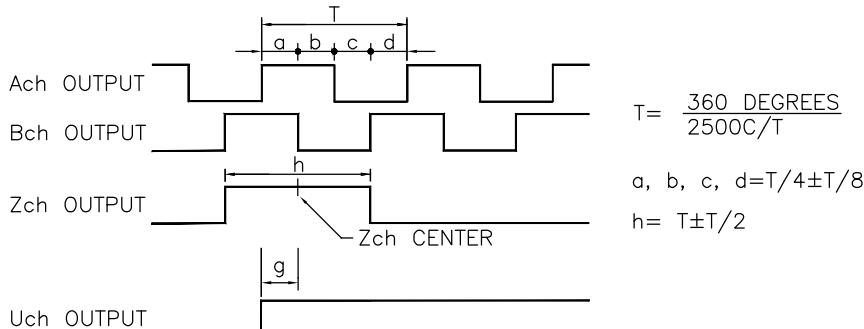
AC SERVOMOTOR SPECIFICATION – PERMANENT MAGNET 8 POLES		
INPUT POWER SUPPLY	VAC	120
RATED OUTPUT	W	100
VOLTAGE CONSTANT	V(rms)/K(rpm)±10%	12
RATED WINDING CURRENT	A (rms)	1.65
PEAK WINDING CURRENT	A (rms)	4.95
WINDING RESISTANCE	V ±10%@20°C	4.9 LINE-TO-LINE
WINDING INDUCTANCE	mH ±20%	5.9 LINE-TO-LINE
RATED TORQUE	Nm(kgf-cm)	0.32(3.26)
PEAK TORQUE	Nm(kgf-cm)	0.92(9.38)
TORQUE CONSTANT	Nm/A(rms)±10%	0.195
RATED SPEED	rpm/min	3000
MAXIMUM SPEED	rpm/min	6000
WEIGHT WITH STD ENCODER	KG (LBS)	0.55 (1.2)
INSULATION CLASS		B 130°C
ENCODER RESOLUTION		2500 LINES/REV.
SHAFT LOAD – AXIAL	N(MAX)	50 N/11LB
SHAFT LOAD – RADIAL	N(MAX)	60 N/13.5LB
MOTOR RATING	REF NOTE 3	IP65
AMBIENT TEMPERATURE	OPERATING	0 TO 40°C
AMBIENT TEMPERATURE	STORAGE	-20 TO 80°C
AMBIENT HUMIDITY MAX		85%
INERTIA – WITH ENCODER	kg m²	0.00000422

TIMING LOGIC / ENCODER SIGNALS

(NOT TO SAME SCALE AS OTHER DETAIL)
ALL TIMING IS WITH SHAFT TURNING CCW, VIEWED FROM FRONT.



TIMING LOGIC / ENCODER SIGNALS



CONTRACT NO.

APPLIED
MOTION
PRODUCTS, INC.

APPROVALS
DRAWN
R.JONEZ
CHECKED

DATE
5/19/14

APPROVED

SERVO MOTOR
SPECIFICATIONS

B	FSM NO.	DWG NO.	REV
		J0100-301-3-000	G
APPROVED	SCALE: NONE		SHEET 2 OF 2