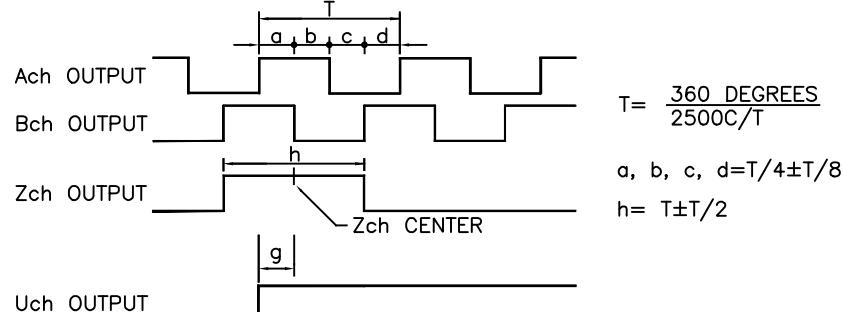


AC SERVOMOTOR SPECIFICATION - PERMANENT MAGNET 8 POLES		
INPUT POWER SUPPLY	VDC	24-80
RATED OUTPUT	W	100
VOLTAGE CONSTANT	V(rms)/K(rpm)±10%	3.8
RATED WINDING CURRENT	A (rms)	5.2
PEAK WINDING CURRENT	A (rms)	15.6
WINDING RESISTANCE	V ±10%@20°C	0.48 LINE-TO-LINE
WINDING INDUCTANCE	mH ±20%	0.58 LINE-TO-LINE
RATED TORQUE	Nm(kgf-cm)	0.32(3.26)
PEAK TORQUE	Nm(kgf-cm)	0.91(9.28)
TORQUE CONSTANT	Nm/A(rms) ±10%	0.061
RATED SPEED	rpm	3000
MAXIMUM SPEED	rpm	6000
WEIGHT W/ ENCODER & BRAKE	kg (lbs)	0.8 (1.8)
INSULATION CLASS		B 130°C
ENCODER RESOLUTION		2500 LINES/REV.
SHAFT LOAD - AXIAL	N(lbs)(MAX)	50(11)
SHAFT LOAD - RADIAL	N(lbs)(MAX)	60(13.5)
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	0.00000494

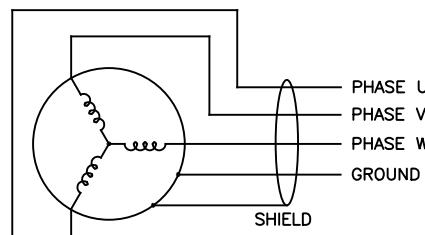
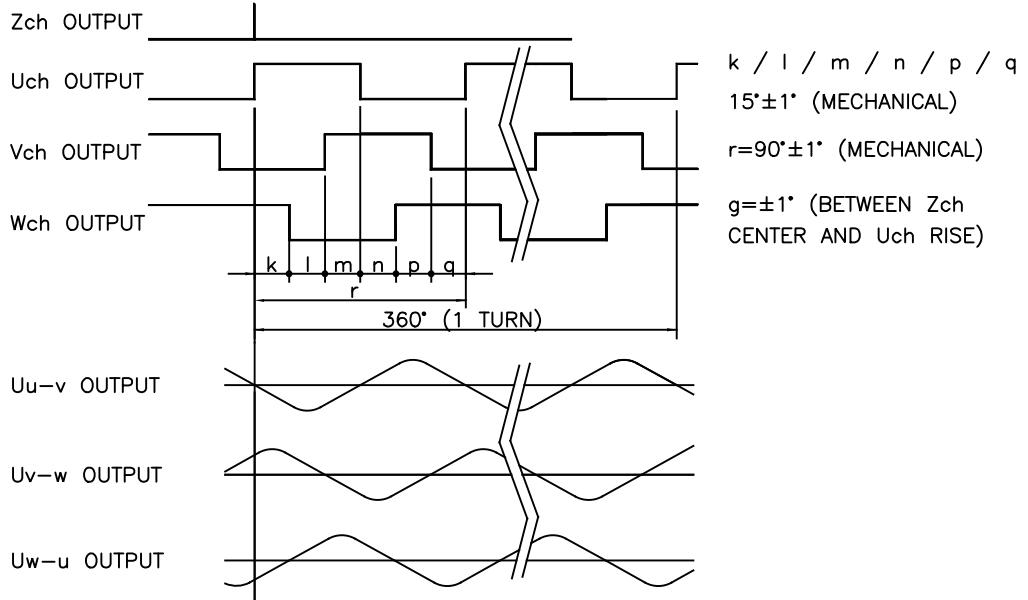
#### ⑥ BRAKE SPECIFICATIONS:

RATED VOLTAGE	24VDC
RATED CURRENT	0.25A
RELEASE VOLTAGE	18.5 VDC MAX (at 20°C)
STATIC FRICTION TORQUE	.35 Nm
ENGAGE TIME	AT NOMINAL AIR GAP (@20°C) <25ms (NEW) FULL RANGE MAX AIR GAP <100ms (WORST COND)
RELEASE TIME	WITHOUT DIODE: <25ms (E-STOP) WITH DIODE: <200ms (NORMAL STOP)

#### TIMING LOGIC / ENCODER SIGNALS



#### TIMING LOGIC / ENCODER SIGNALS (NOT TO SAME SCALE AS OTHER DETAIL)



CONTRACT NO.	APPLIED MOTION PRODUCTS, INC.	
APPROVALS	DATE	SERVO MOTOR SPECIFICATIONS
DRAWN R.JONEZ	6/17/14	
CHECKED		
APPROVED		
APPROVED		REV
B	FSCM NO.	DWG NO.
		J0100-353-3-000
SCALE: NONE		SHEET 2 OF 2