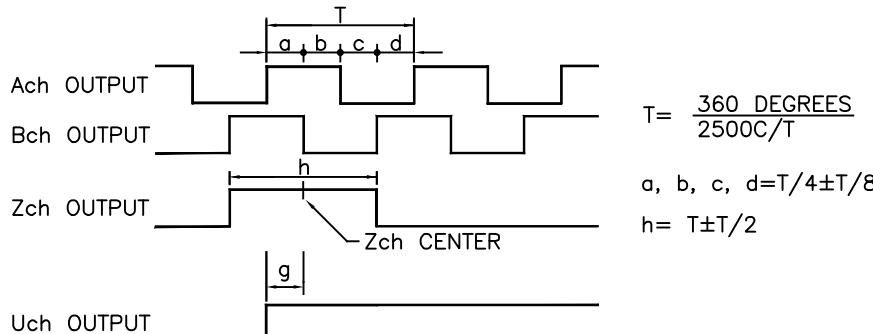


AC SERVOMOTOR SPECIFICATION - PERMANENT MAGNET 8 POLES		
INPUT POWER SUPPLY	VAC	60VDC
RATED OUTPUT	W	400
VOLTAGE CONSTANT	V(rms)/K(rpm)±10%	19.3
RATED WINDING CURRENT	A (rms)	6.9
PEAK WINDING CURRENT	A (rms)	20.7
WINDING RESISTANCE	V ±10%@20°C	0.57 LINE-TO-LINE
WINDING INDUCTANCE	mH ±20%	2 LINE-TO-LINE
RATED TORQUE	Nm(kgf-cm)	1.27(12.95)
PEAK TORQUE	Nm(kgf-cm)	3.8(38.75)
TORQUE CONSTANT	Nm/A(rms) ±10%	0.184
RATED SPEED	rpm	3000
MAXIMUM SPEED	rpm	6000
WEIGHT W/ ENCODER & BRAKE	kg(lb)	1.9(4.2)
INSULATION CLASS		B 130°C
ENCODER RESOLUTION		2500 LINES/REV.
SHAFT LOAD - AXIAL	N MAX(lb)	70(15)
SHAFT LOAD - RADIAL	N MAX(lb)	240(54)
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	kgm²	0.326×10⁻⁴

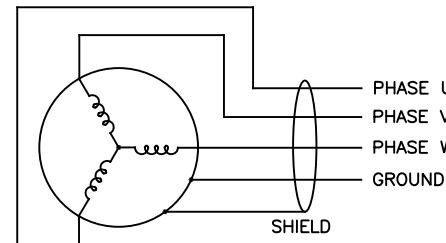
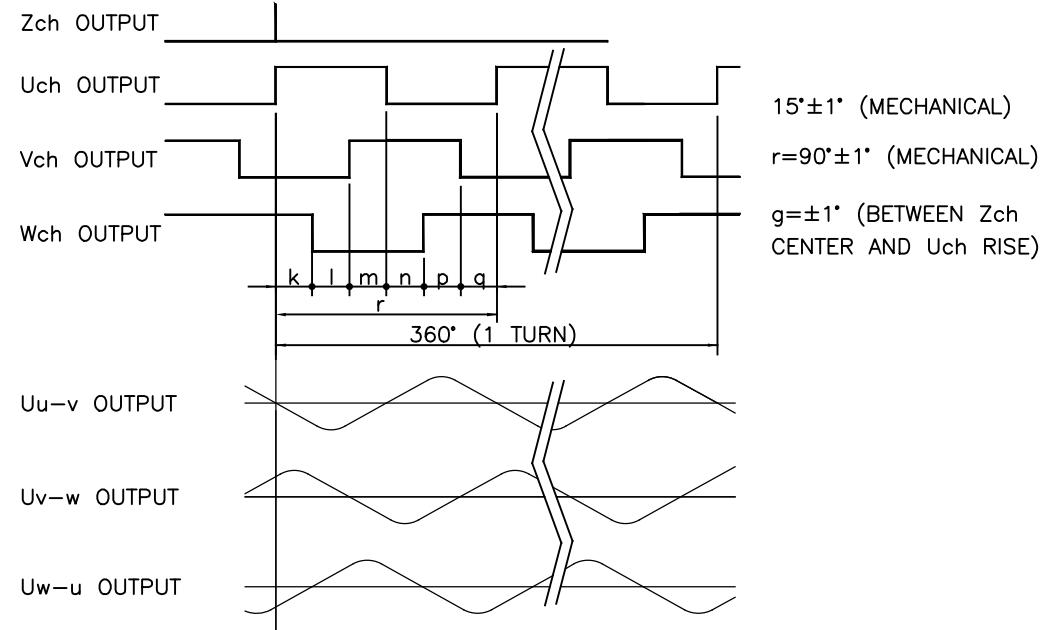
⑥ BRAKE SPECIFICATIONS:

RATED VOLTAGE	24VDC
RATED CURRENT	0.414A max @24VDC
RELEASE VOLTAGE	18.5 VDC MAX (at 20°C)
STATIC FRICTION TORQUE	2 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.

SERVO MOTOR SPECIFICATIONS

APPROVALS	DATE	FSCM NO.	DWG NO.	REV
DRAWN R.JONEZ	9/17/14			
CHECKED				
APPROVED				
APPROVED		SCALE: NONE		SHEET 2 OF 2