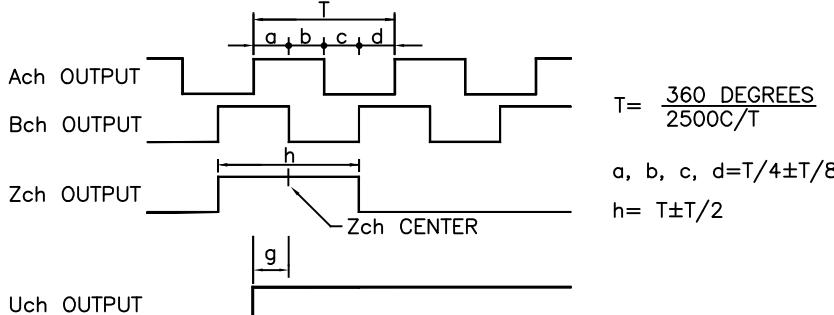


AC SERVOMOTOR SPECIFICATION – PERMANENT MAGNET 8 POLES		
INPUT POWER SUPPLY	VAC	120
RATED OUTPUT	W	200
VOLTAGE CONSTANT	V(rms)/K(rpm)±10%	13.6
RATED WINDING CURRENT	A (rms)	3
PEAK WINDING CURRENT	A (rms)	9
WINDING RESISTANCE	Ω ±10%@20°C	2.1 LINE-TO-LINE
WINDING INDUCTANCE	mH ±20%	6.1 LINE-TO-LINE
RATED TORQUE	Nm(kgf-cm)	0.64(6.53)
PEAK TORQUE	Nm(kgf-cm)	1.9(19.37)
TORQUE CONSTANT	Nm/A(rms) ±10%	0.216
RATED SPEED	rpm	3000
MAXIMUM SPEED	rpm	6000
WEIGHT W/ ENCODER & BRAKE	kg (lbs)	1.6(3.5)
INSULATION CLASS		B 130°C
ENCODER RESOLUTION		2500 LINES/REV.
SHAFT LOAD – AXIAL	N(lbs)(MAX)	70(15)
SHAFT LOAD – RADIAL	N(lbs)(MAX)	200(45)
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	0.000022

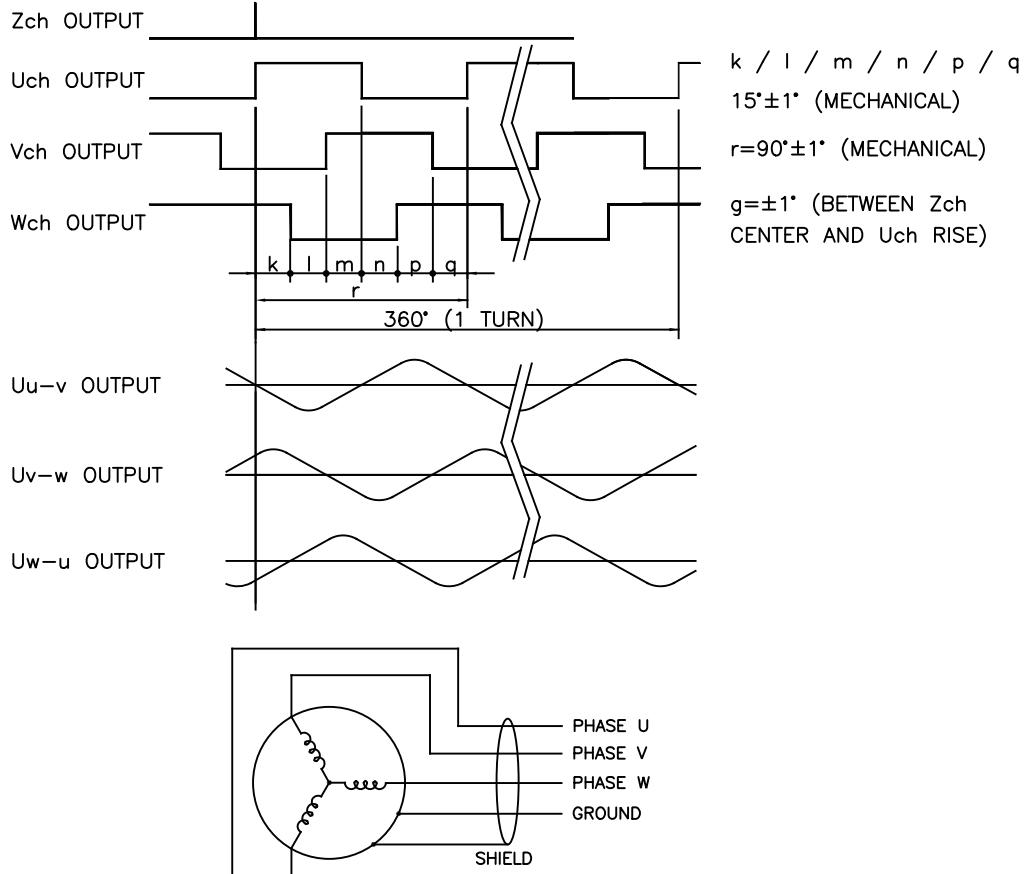
#### ⑥ BRAKE SPECIFICATIONS:

RATED VOLTAGE	24VDC
RATED CURRENT	0.38A
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.	 <b>APPLIED MOTION PRODUCTS, INC.</b>		
APPROVALS			
DRAWN <i>R.JONEZ</i>	5/19/14	<b>SERVO MOTOR SPECIFICATIONS</b>	
CHECKED			
APPROVED			
APPROVED		DWG NO.	J0200-351-4-000
APPROVED		REV	F
SCALE: NONE		SHEET 2 OF 2	