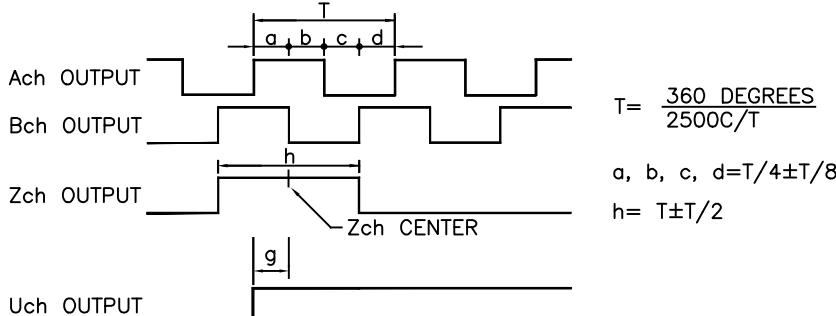


AC SERVOMOTOR SPECIFICATION – PERMANENT MAGNET 8 POLES		
INPUT POWER SUPPLY	VAC	120
RATED OUTPUT	W	400
VOLTAGE CONSTANT	V(rms)/K(rpm)±10%	13.8
RATED WINDING CURRENT	A (rms)	5.7
PEAK WINDING CURRENT	A (rms)	17.1
WINDING RESISTANCE	V ±10%@20°C	0.85 LINE-TO-LINE
WINDING INDUCTANCE	mH ±20%	2.9 LINE-TO-LINE
RATED TORQUE	Nm(kgf-cm)	1.27(12.95)
PEAK TORQUE	Nm(kgf-cm)	3.8(38.75)
TORQUE CONSTANT	Nm/A(rms)±10%	0.222
RATED SPEED	rpm	3000
MAXIMUM SPEED	rpm	6000
WEIGHT W/ ENCODER & BRAKE	kg(lbs)	1.9(4.2)
INSULATION CLASS		B 130°C
ENCODER RESOLUTION		2500 LINES/REV.
SHAFT LOAD – AXIAL	N(lbs)(MAX)	70(15)
SHAFT LOAD – RADIAL	N(lbs)(MAX)	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 – W/ ENC, BRAKE	kg*m²	0.326 X 10⁻⁴

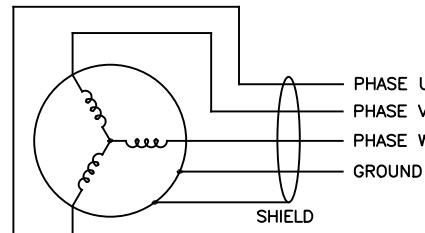
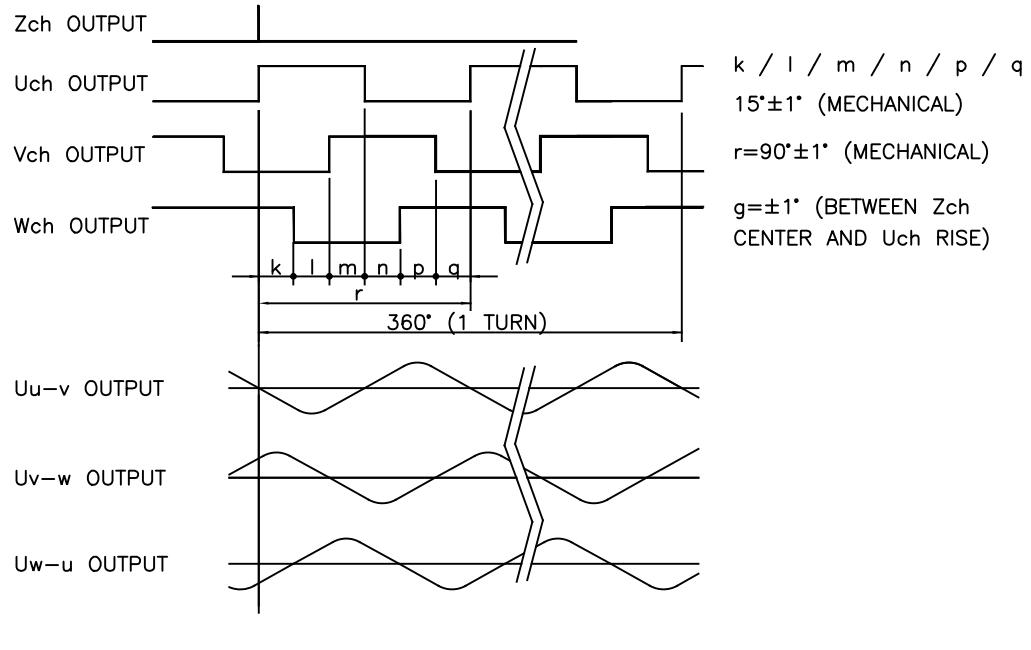
#### ⑥ BRAKE SPECIFICATIONS:

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.	APPLIED MOTION PRODUCTS, INC.	
APPROVALS	DATE	
DRAWN R.JONEZ	5/22/14	
CHECKED		
APPROVED		
APPROVED		
SCALE: NONE		SHEET 2 OF 2
B	FSCM NO.	DWG NO. J0400-351-4-000 REV F