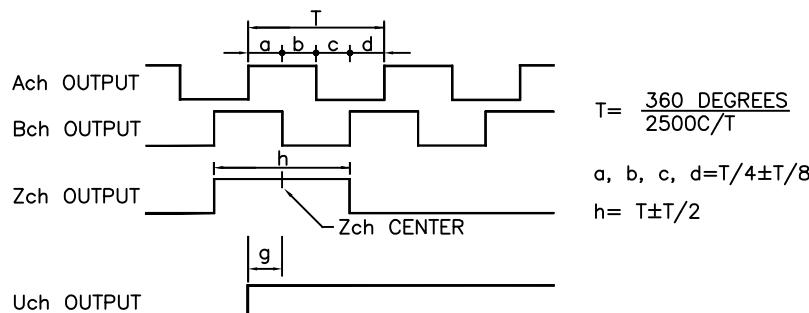


| AC SERVOMOTOR SPECIFICATION - PERMANENT MAGNET 8 POLES | | |
|--|-------------------|-------------------|
| INPUT POWER SUPPLY | VAC | 208-240 1/3 PHASE |
| RATED OUTPUT | W | 400 |
| VOLTAGE CONSTANT | V(rms)/K(rpm)±10% | 29 |
| RATED WINDING CURRENT | A (rms) | 2.75 |
| PEAK WINDING CURRENT | A (rms) | 8.3 |
| WINDING RESISTANCE | V ±10%@20°C | 3.7 LINE-TO-LINE |
| WINDING INDUCTANCE | mH ±20% | 12.9 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% | 0.484 |
| 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 | 0.0000326 |

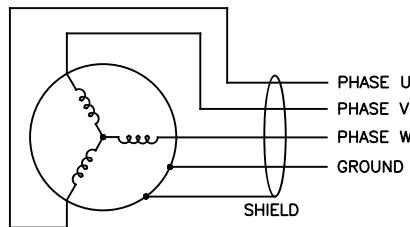
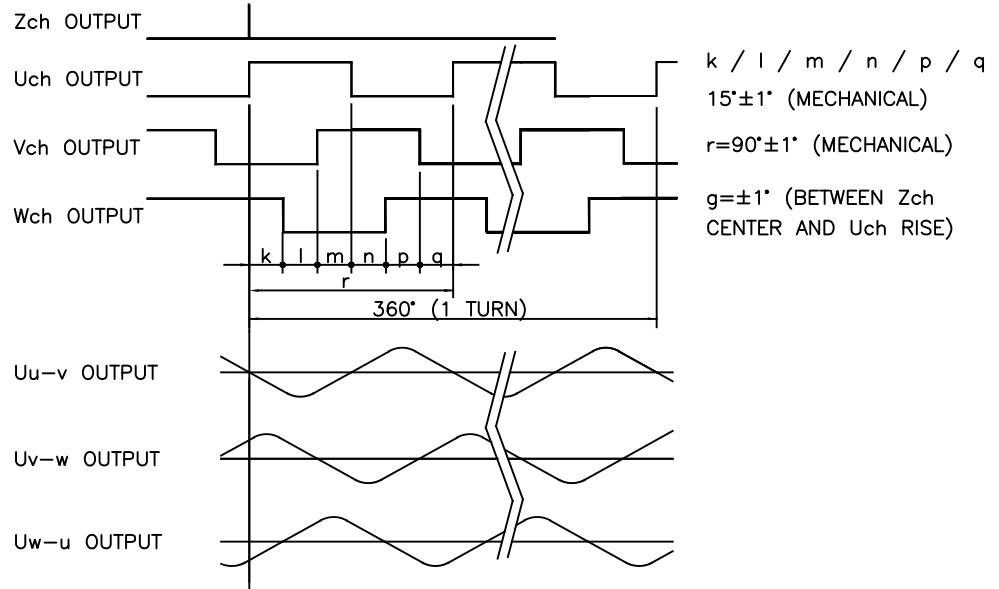
⑥ BRAKE SPECIFICATIONS:

| | |
|------------------------|--|
| 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 | SERVO MOTOR SPECIFICATIONS | |
| DRAWN R.JONEZ | 5/22/14 | REV | |
| CHECKED | | FSCM NO. | DWG NO. |
| APPROVED | | B | J0400-352-4-000 |
| APPROVED | | SCALE: NONE | SHEET 2 OF 2 |