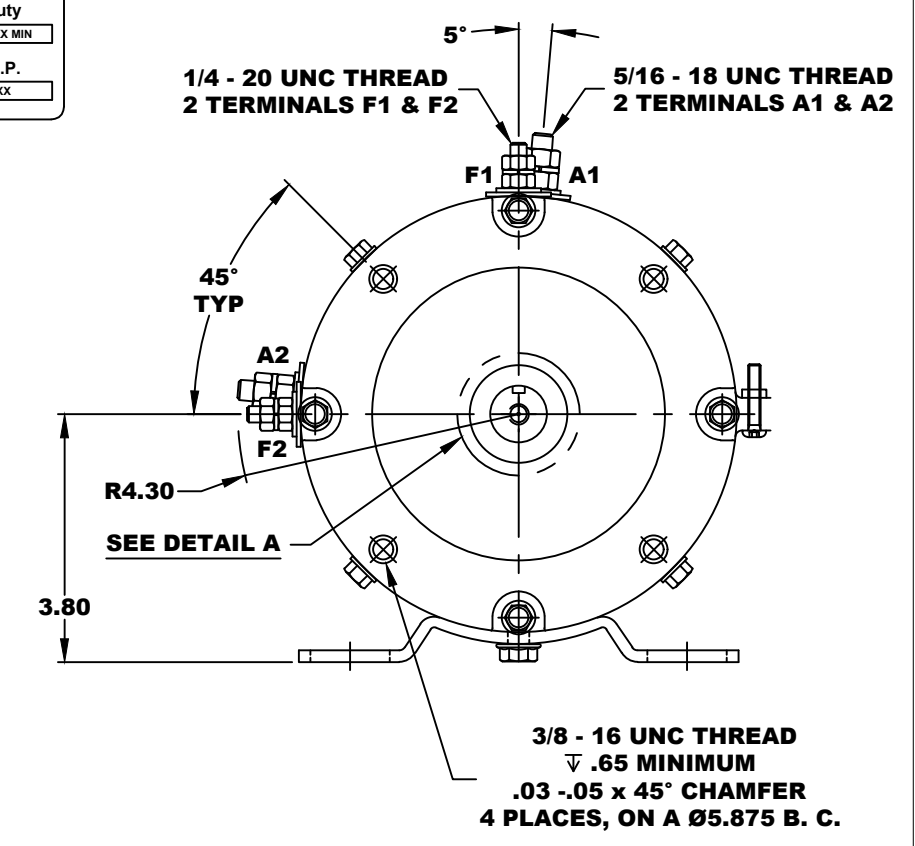
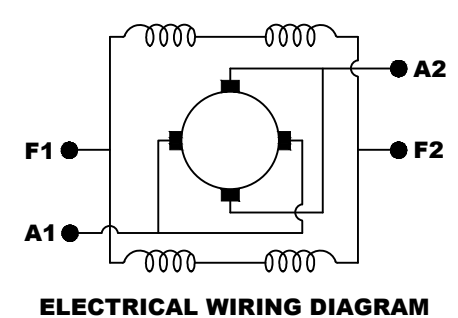
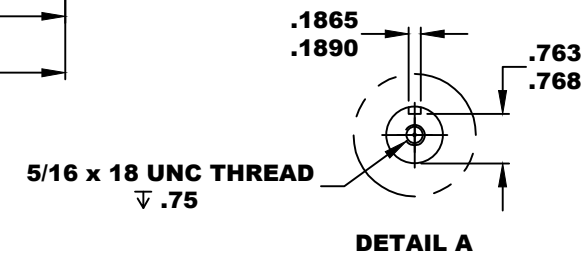


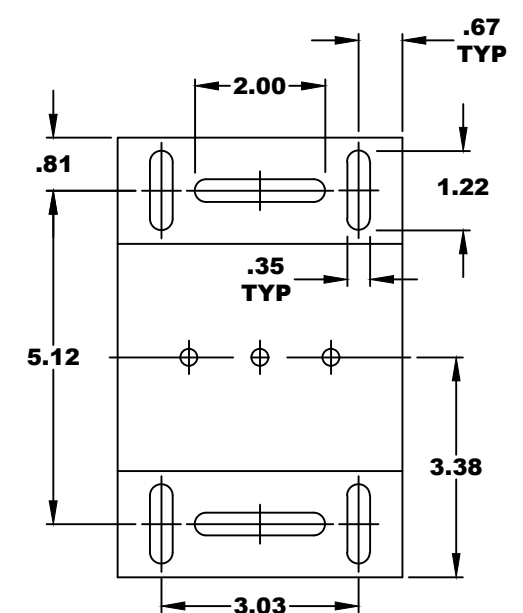
TORQUE SPECIFICATION FOR POWER CABLE SECURING TOP NUTS
5/16-18 UNC (A1 / A2) - 110 IN / LBS MAX
1/4-20 UNC (F1 / F2) - 50 IN / LBS MAX



SPEED SENSOR ELECTRICAL SPECIFICATION:
 -4.5V TO 24V OPERATING VOLTAGE
 -20°C TO 85°C OPERATING TEMPERATURE
 -CURRENT SINKING UP TO 25mA
 -AN EXTERNAL OUTPUT PULL UP RESISTOR IS REQUIRED
 -SENSOR IS DESIGNED TO OPERATE WITH 4 N/S POLEPAIRS
 THE OPERATIONAL DISTANCE BETWEEN THE MAGNET AND THE HOUSING, INCLUDING ANY RUNOUT SHOULD NOT EXCEED .030 INCHES



MOTOR WIRING CONNECTIONS:
CW ROTATION DRIVE END
CONNECT A1 & F1 TO ONE BATTERY TERMINAL
CONNECT A2 & F2 TO OTHER BATTERY TERMINAL
CCW ROTATION DRIVE END
SWITCH F1 & F2 CONNECTIONS



MOTOR WEIGHT: 62 LBS
CLASS "H" INSULATION
PERFORMANCE SPEC: 50 / K-254

THIS PRINT IS THE PROPERTY OF D&D MOTOR SYSTEMS INC.

DO NOT SCALE
WORK TO DIMENSIONS

TOLERANCES UNLESS OTHERWISE SPECIFIED ARE AS FOLLOWS

.XX _____ .01
 .XXX _____ .005
 .XX ROUGH CASTING _____ .03

HOLES _____ -.001 / +.006
 ANGLES _____ 0°30"

D & D MOTOR SYSTEMS INC

MOTOR OUTLINE

| | | | | |
|-------|------------|--------------|--------------------|-----|
| SIZE | DRAWN DATE | RELEASE DATE | DWG NO. / PART NO. | REV |
| B | 4-18-06 | | ES-32B-50 | R2 |
| SCALE | DRAWN BY | REV DATE | | |
| STF | MJG | 5-8-13 | | |