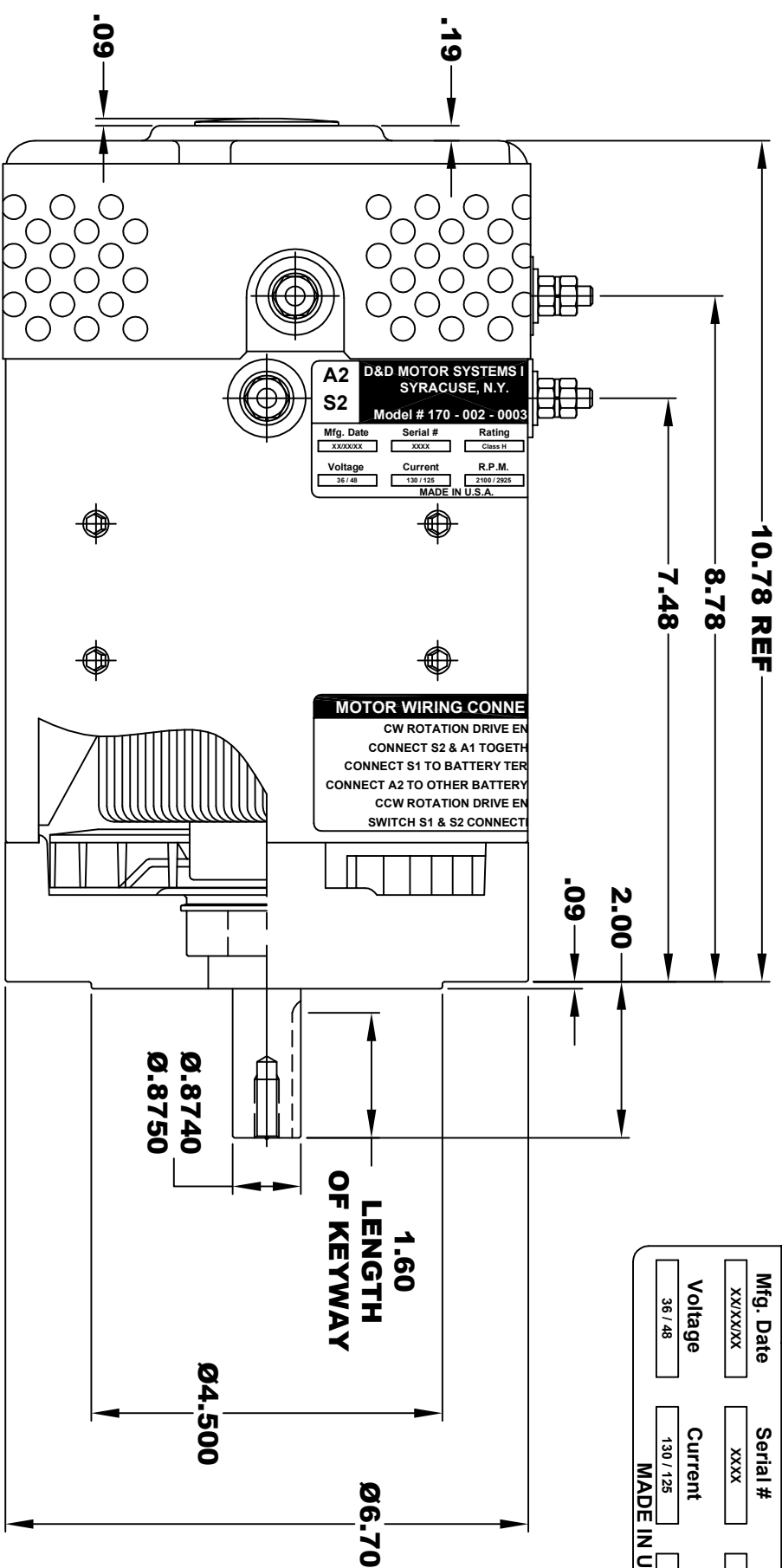


**TORQUE SPECIFICATION FOR  
POWER CABLE SECURING TOP NUTS  
5/16-18 UNC - 110 IN / LBS MAX**

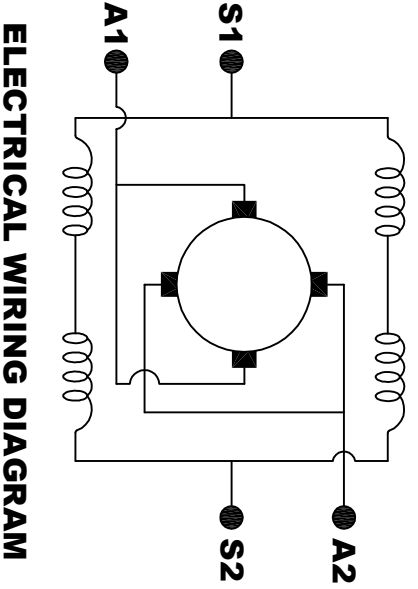
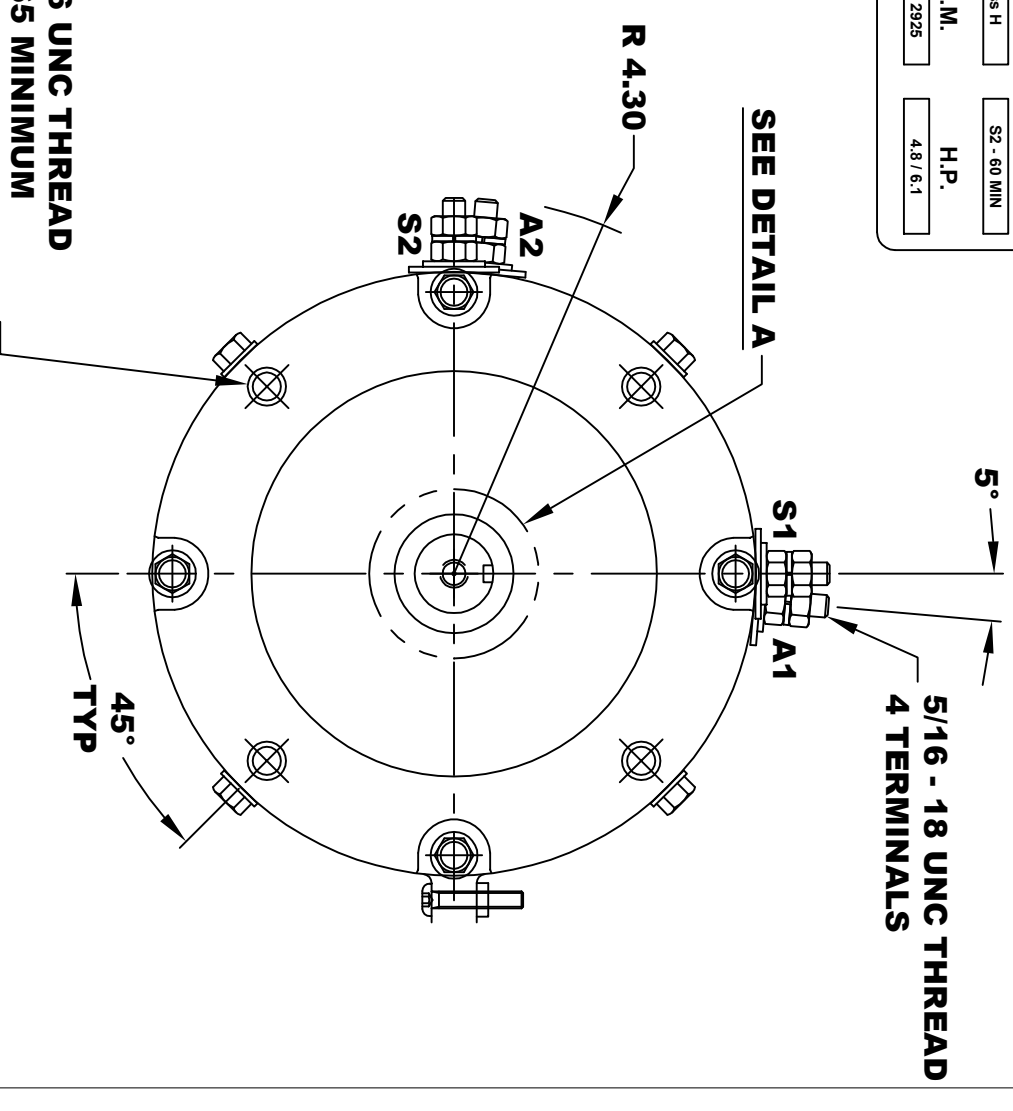
|                                   |                                 |                 |                       |
|-----------------------------------|---------------------------------|-----------------|-----------------------|
| <b>D&amp;D MOTOR SYSTEMS INC.</b> |                                 |                 |                       |
| <b>SYRACUSE N.Y.</b>              |                                 |                 |                       |
| <b>A2</b>                         | <b>Model # 170 - 002 - 0003</b> |                 | <b>A1</b>             |
| <b>S2</b>                         | <b>Mfg. Date</b>                | <b>Serial #</b> | <b>Rating</b>         |
|                                   | XXXXXX                          | XXXX            | Class H               |
|                                   | <b>Voltage</b>                  | <b>Current</b>  | <b>R.P.M.</b>         |
|                                   | 36 / 48                         | 130 / 125       | 2100 / 2925           |
|                                   |                                 |                 | <b>Duty</b>           |
|                                   |                                 |                 | S2 - 60 MIN           |
|                                   |                                 |                 | <b>H.P.</b>           |
|                                   |                                 |                 | 4.8 / 6.1             |
|                                   |                                 |                 | <b>MADE IN U.S.A.</b> |



**5/16 x 18 UNC THREAD  
▽ .75**

**DETAIL A**

**3/8 - 16 UNC THREAD  
▽ .65 MINIMUM  
.03 -.05 x 45° CHAMFER  
4 PLACES, ON A Ø5.875 B. C.**



**ELECTRICAL WIRING DIAGRAM**

**MOTOR WIRING CONNECTIONS:**  
**CW ROTATION DRIVE END**  
**CONNECT S2 & A1 TOGETHER**  
**CONNECT S1 TO BATTERY TERMINAL**  
**CONNECT A2 TO OTHER BATTERY TERMINAL**  
**CCW ROTATION DRIVE END**  
**SWITCH S1 & S2 CONNECTIONS**

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"

**MOTOR WEIGHT: 50 LBS  
CLASS "H" INSULATION  
PERFORMANCE SPEC: 2**

**D & D MOTOR SYSTEMS INC  
MOTOR OUTLINE**

|       |            |              |                    |          |
|-------|------------|--------------|--------------------|----------|
| SIZE  | DRAWN DATE | RELEASE DATE | DWG NO. / PART NO. | REV      |
| B     | 5-23-02    | 9-16-21      | 170 - 002 - 0003   |          |
| SCALE | STF        | DRAWN BY     | ES-22-2            | REV DATE |