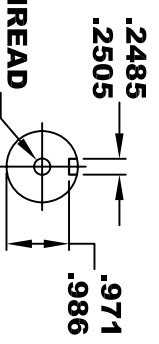
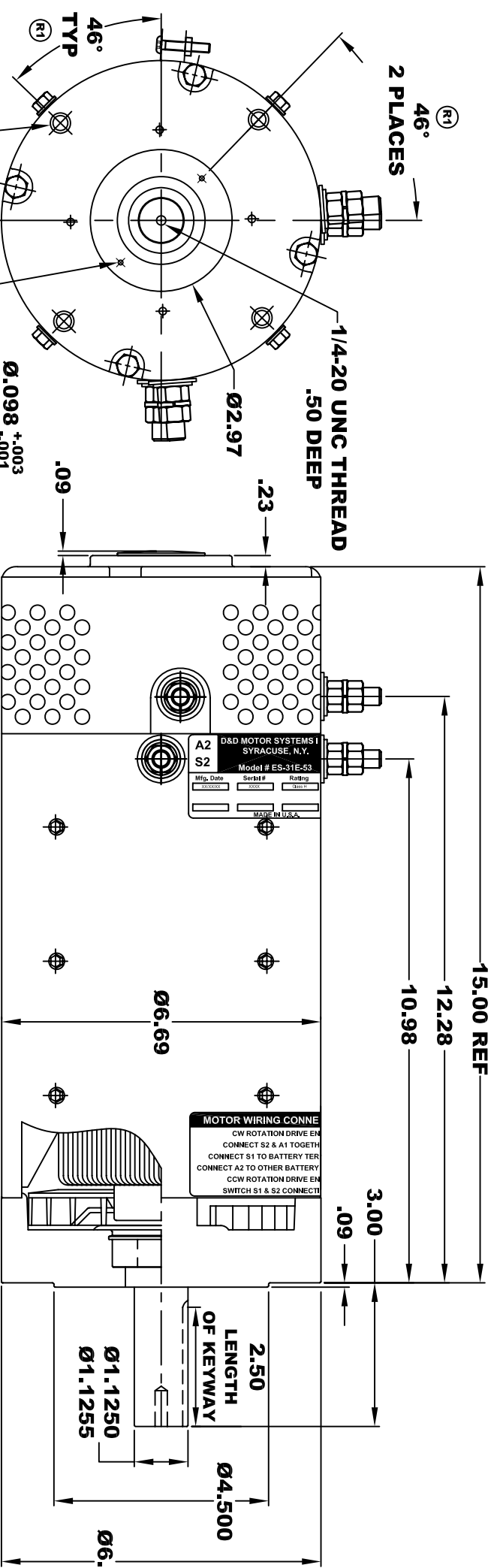


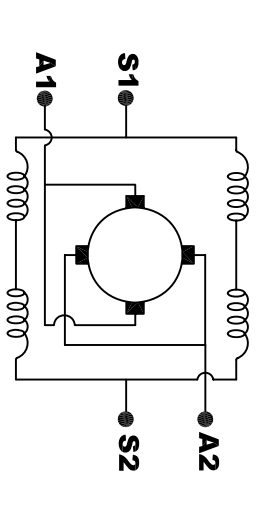
A2	D&D MOTOR SYSTEMS INC.	A1
S2	SYRACUSE, N.Y.	
Mfg. Date	Model # ES-31E-53	Rating
XXXXXX	XXXX	Class II
		48 / 72
	MADE IN U.S.A.	

**TORQUE SPECIFICATION FOR
POWER CABLE SECURING TOP NUTS**
3/8 - 16 UNC - 140 IN / LBS MAX



3/8 - 16 UNC THREAD
TAPPED THRU
.03 -.05 x 45° CHAMFER
4 PLACES, ON A Ø5.875 B. C.

MOTOR WEIGHT: 83 LBS
CLASS "H" INSULATION
PERFORMANCE SPEC: 53



ELECTRICAL WIRING DIAGRAM

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

D & D MOTOR SYSTEMS INC
MOTOR OUTLINE

SIZE	DRAWN DATE	RELEASE DATE	DWG NO. / PART NO.	REV
B	8-11-04		ES-31E-53	R1
SCALE	STF	DRAWN BY	MJG	REV DATE
				12-13-04