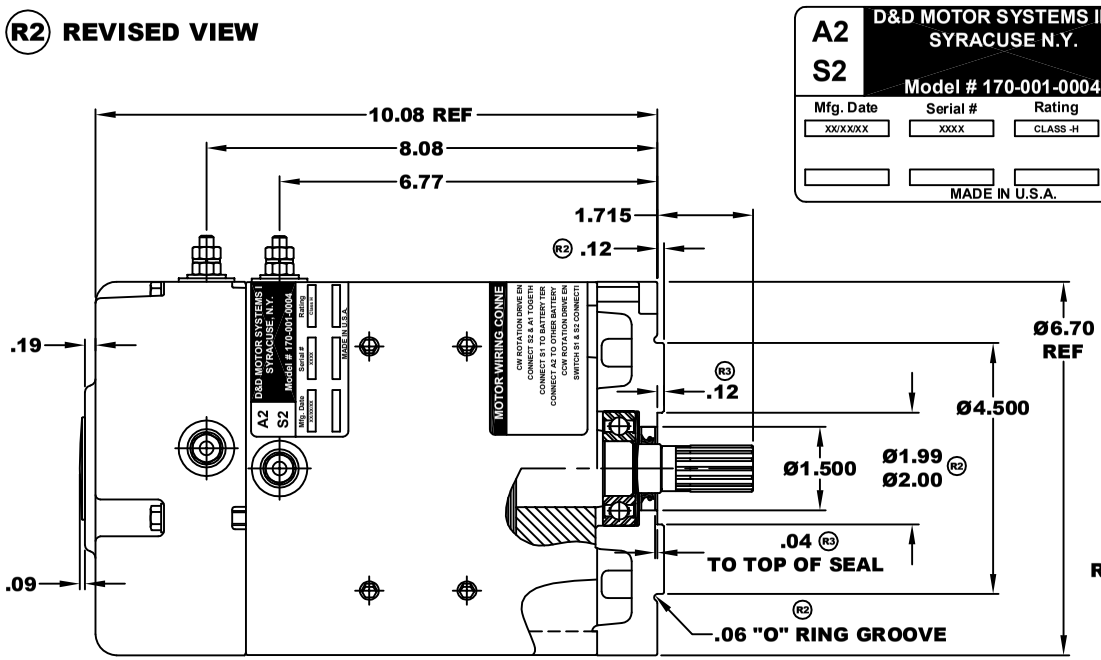
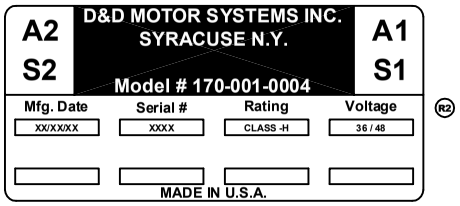
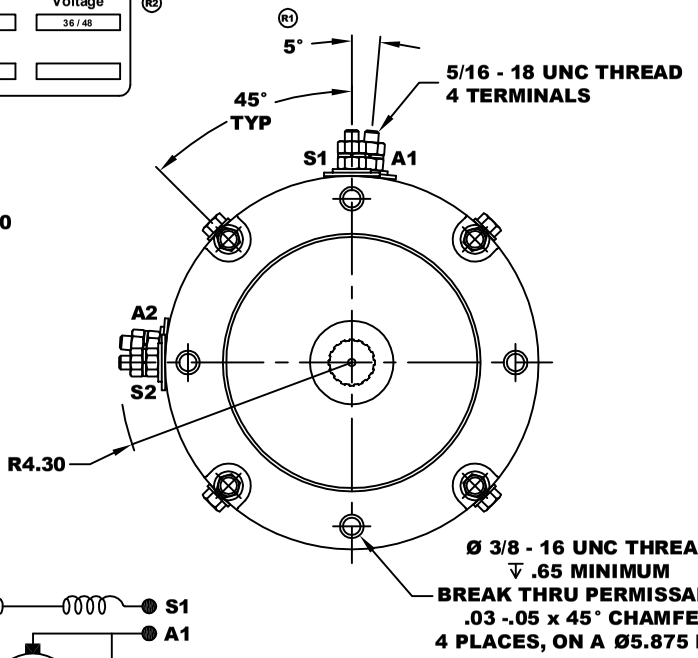
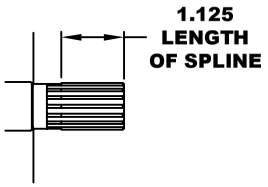
(R2) **REVISED VIEW**

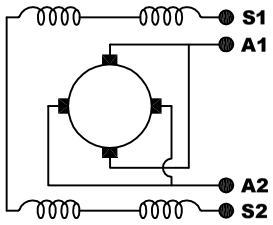




TORQUE SPECIFICATION FOR POWER CABLE SECURING TOP NUTS 5/16-18 UNC - 110 IN / LBS MAX







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

EXTERNAL INVOLUTE SPLINE DATA	
TYPE OF FIT	SIDE FIT
NUMBER OF TEETH	16
SPLINE PITCH	20 / 40
PRESSURE ANGLE	30°
BASE DIAMETER	.692 REF
PITCH DIAMETER	.800 REF
MAJOR DIAMETER (h11)	.850 - .800
FORM DIAMETER	.746
MINOR DIAMETER (h14)	.686 -

MOTOR WEIGHT 49 LBS
CLASS "H" INSULATION
PERFORMANCE SPEC: 1

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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	10-7-03	1-25-23	170-001-0004	R3
SCALE	STF	DRAWN BY MJG	ES-85A	REV DATE 1-7-05