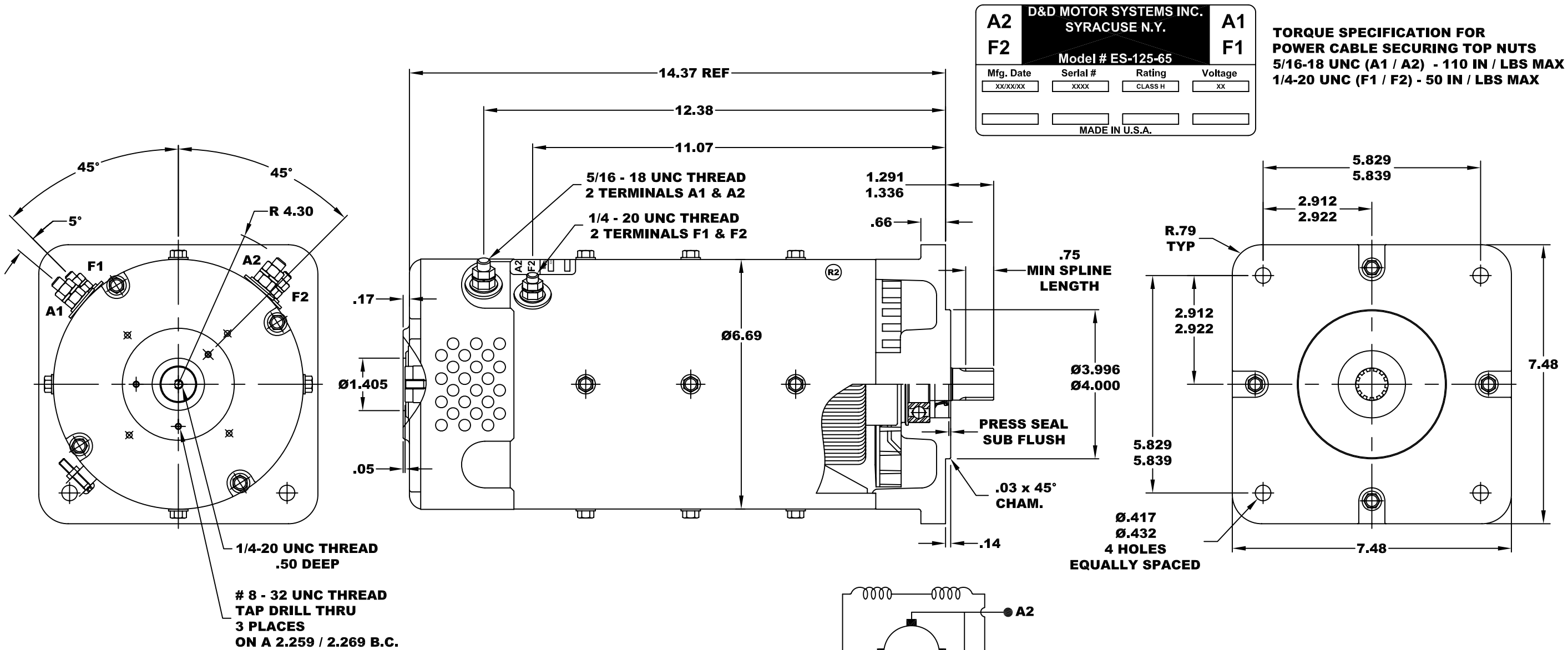

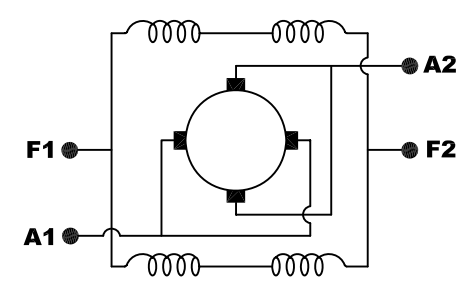

ELECTRICAL WIRING DIAGRAM

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

EXTERNAL INVOLUTE SPLINE DATA	
STANDARD	ANSI B92.1 - 1996
ROOT TYPE	FLAT
FIT TYPE	SIDE
NUMBER OF TEETH	13
SPLINE PITCH	16 / 32
PRESSURE ANGLE	30°
MAJOR DIAMETER	.8535 / .8565
CIRCULAR TOOTH THICKNESS	
TOLERANCE CLASS FIT	5
MAX EFFECTIVE	0.0982 (R1)
MIN ACTUAL	0.0956 (R1)

MOTOR WEIGHT: 79 LBS
CLASS "H" INSULATION
PERFORMANCE SPEC: 65

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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	2-8-06		ES-125-65	R2
SCALE STF	DRAWN BY MJG			REV DATE 5-29-13