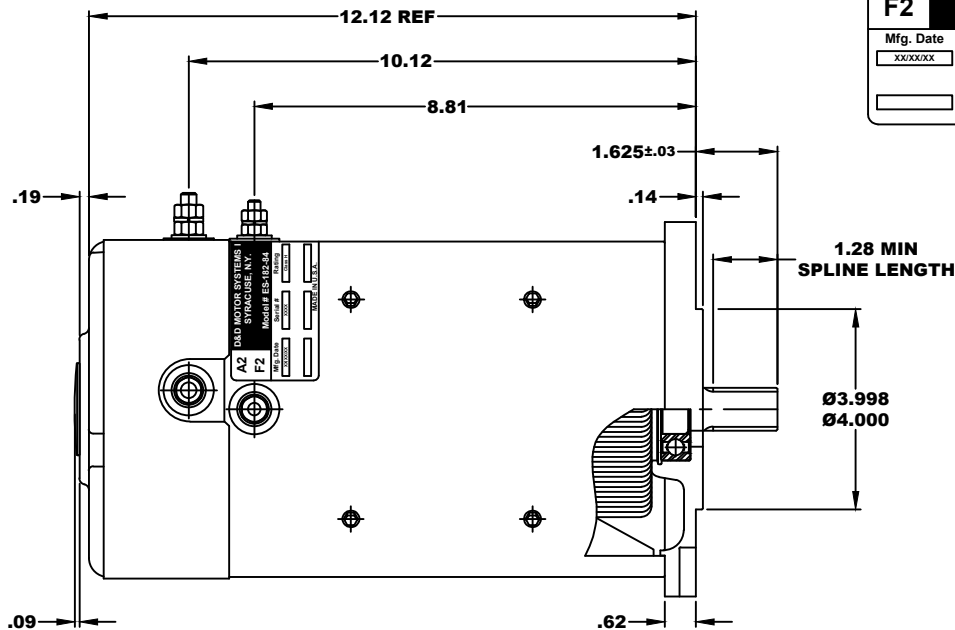
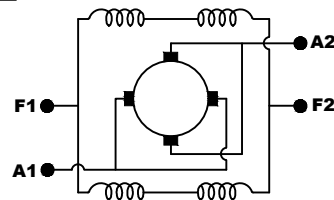
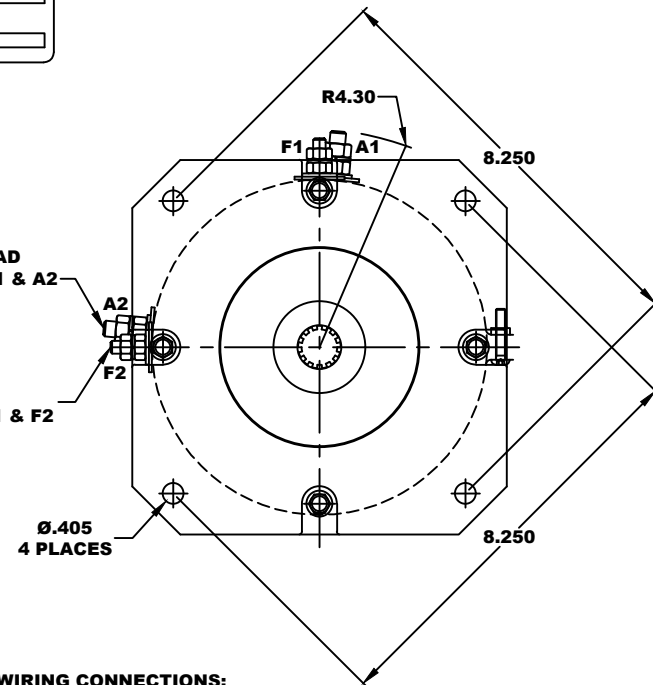




A2	D&D MOTOR SYSTEMS INC.		A1
F2	SYRACUSE N.Y.		F1
Model # ES-182-84			
Mfg. Date	Serial #	Rating	Voltage
XXXXXX	XXXX	CLASS H	24V
MADE IN U.S.A.			

**TORQUE SPECIFICATION FOR
POWER CABLE SECURING TOP NUTS**
M8 x 1.25 (A1 / A2) - 110 IN / LBS MAX
M6 x 1 (F1 / F2) - 50 IN / LBS MAX



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	.873±.001
CIRCULAR TOOTH THICKNESS	
TOLERANCE CLASS FIT	5
MAX EFFECTIVE	0.0982
MIN ACTUAL	0.0956

MOTOR WEIGHT: 70 LBS
CLASS "H" INSULATION
PERFORMANCE SPEC: 84

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	10-29-24		ES-182-84	
SCALE	STF	DRAWN BY	MJG	REV DATE