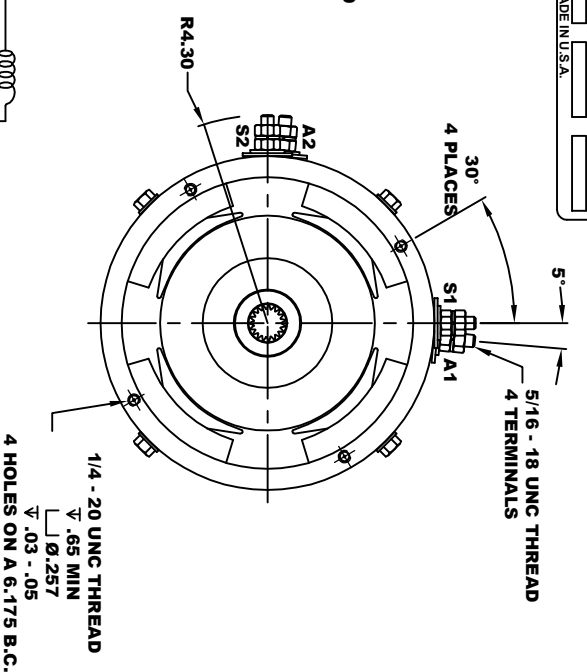


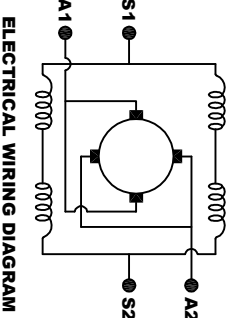
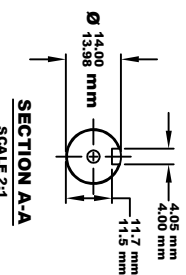
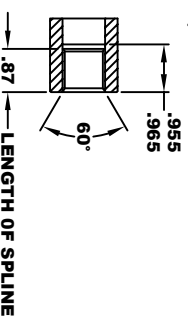


D&D MOTOR SYSTEMS INC.		SYRACUSE N.Y.	
A2		A1	
S2		S1	
Model # 170-002-0008			
Mfg. Date	Serial #	Rating	Voltage
XXXXXX	XXXX	Class H	24V - 48V
MADE IN U.S.A.			

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

INTERNAL INVOLUTE SPLINE SPECIFICATION CLASS 5 FILLET ROOT SIDE FIT (PER A.N.S.I. B92.1)

NO. OF TEETH	19
SPINE PITCH	24 /48
PRESSURE ANGLE	45°
BASE Ø	.5597 REF
PITCH Ø	.7916 REF
MAJOR Ø	.850 - .859
FORM Ø	.835
MINOR Ø	.767 - .772
CIRCULAR SPACE WIDTH	.0764
EFFECTIVE SPACE WIDTH	.0738
MAX. DIMENSION BETWEEN TWO PINS	.6714
PIN Ø	.0800
SPINE HARDNESS TO BE R/C 26-34	



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

D & D MOTOR SYSTEMS INC

MOTOR OUTLINE

SIZE	DRAWN DATE	RELEASE DATE	DWG NO. / PART NO.	REV
B	9-9-24	9-9-24	170-002-0008	
SCALE	STF	DRAWN BY	MJG	ES-177-2
				REV DATE