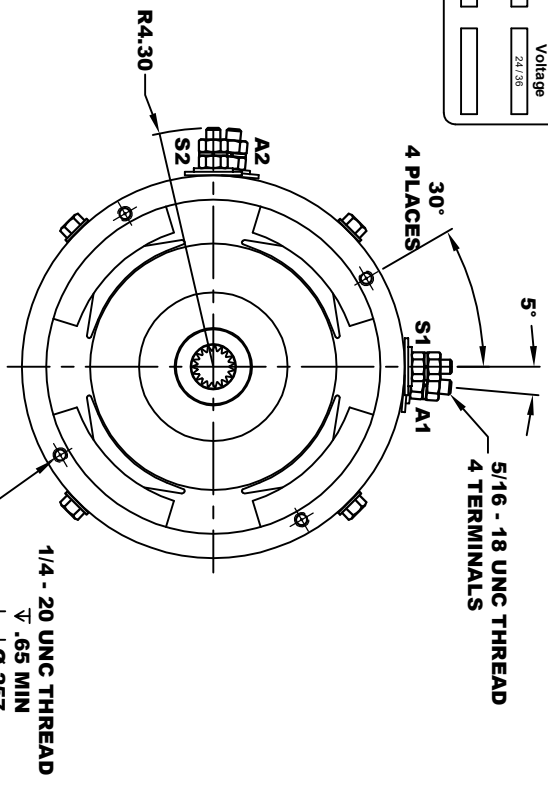


A2	D&D MOTOR SYSTEMS INC.				A1
S2	SYRACUSE N. Y.				S1
Model # 170 - 001 - 0003					
Mfg. Date	Serial #	Rating	Voltage		
XXXXXX	XXXX	Class H	24.75		
MADE IN U.S.A.					

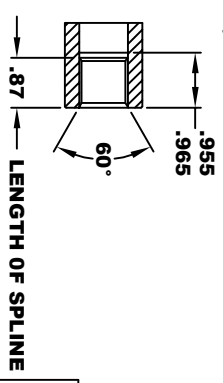
MOTOR WIRING CONNE
 CW ROTATION DRIVE EN
 CONNECT S2 & A1 TOGETH
 CONNECT S1 TO BATTERY TER
 CONNECT A2 TO OTHER BATTERY
 CW ROTATION DRIVE EN
 SWITCH S1 & S2 CONNECT



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

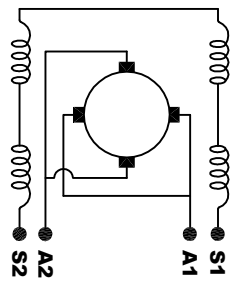
**INTERNAL INVOLUTE SPLINE SPECIFICATION
 CLASS 5 FILET ROOT SIDE FIT (PER A.N.S.I. B92.1)**

NO. OF TEETH	19
SPLINE 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
SPLINE HARDNESS TO BE R/C	26-34



**MOTOR WEIGHT 46 LBS
 CLASS "H" INSULATION
 PERFORMANCE SPEC: 43**

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
 CW ROTATION DRIVE END
 SWITCH 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
 .XXX RROUGH CASTING .03
 HOLES .001 / +.006
 ANGLES .030°

D & D MOTOR SYSTEMS INC			
MOTOR OUTLINE			
SIZE	DRAWN DATE	RELEASE DATE	DWG NO. / PART NO.
B	9-22-15	8-4-21	170 - 001 - 0003
SCALE	DRAWN BY	MJG	ES-1-43
			REV DATE