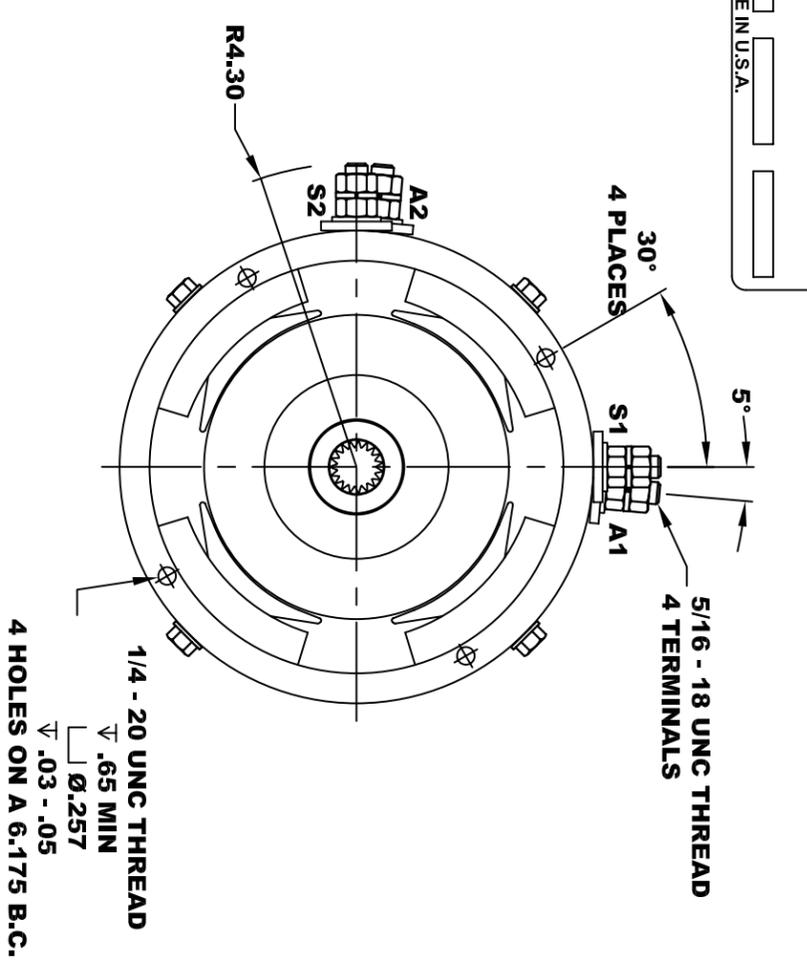


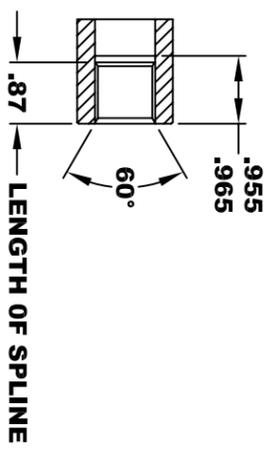
<b>A2</b>		<b>D&amp;D MOTOR SYSTEMS INC.</b>		<b>A1</b>	
<b>S2</b>		<b>SYRACUSE N.Y.</b>		<b>S1</b>	
Model # 170 - 010 - 0002		Mfg. Date		Serial #	
XXXXXX	XXXX	CLASS H	Voltage		
MADE IN U.S.A.			36 / 48		

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

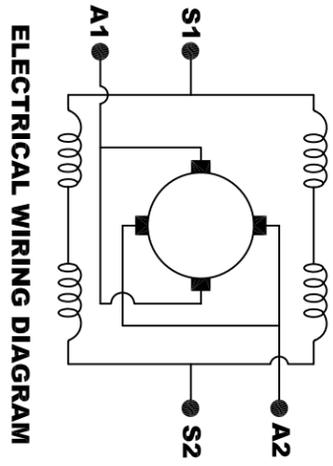


**INTERNAL INVOLUTE SPLINE SPECIFICATION  
CLASS 5 FILLET ROOT SIDE FIT (PER A.N.S.I. B92.1)**

NO. OF TEETH	19
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 53 LBS  
CLASS "H" INSULATION  
PERFORMANCE SPEC: 11**



**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**

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	3-5-04	10-24-05	170 - 010 - 0002	R2
SCALE	STF	DRAWN BY	MJG	ES-42-11
				REV DATE
				12-1-10