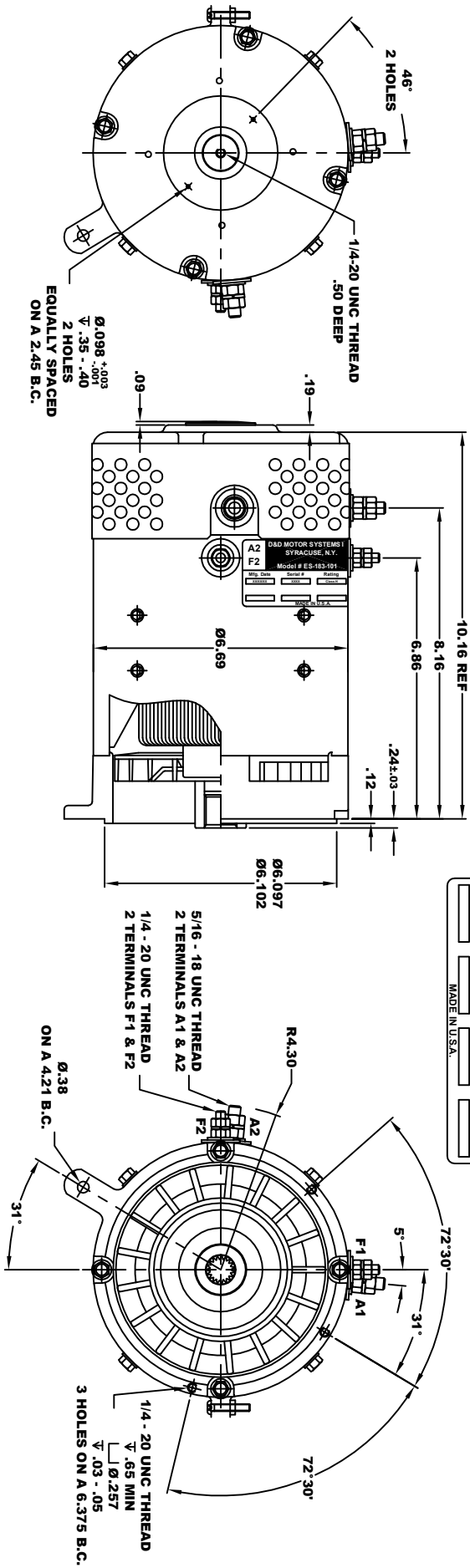


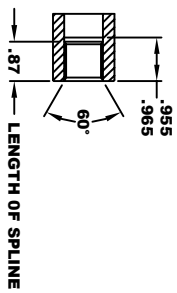
<b>A2</b>		<b>D&amp;D MOTOR SYSTEMS INC.</b>		<b>A1</b>	
SYRACUSE, N.Y.		Model # ES-183-101		Rating	
Mfg Date	XXXXXX	Serial #	XXXX	Class. I	Voltage
					ZV - 2W
MADE IN U.S.A.					

TORQUE SPECIFICATION FOR  
POWER CABLE SECURING TOP NUTS  
5/16-18 UNC (A1 / A2) - 110 IN / LBS MAX  
1/4-20 UNC (F1 / F2) - 50 IN / LBS MAX

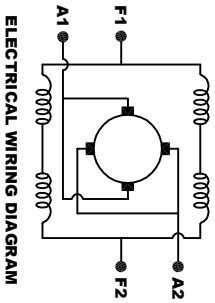


INTERNAL INVOLUTE SPLINE SPECIFICATION  
CLASS 5 FILLET ROOT SIDE FIT (PER A.N.S.I. B92.1)

- NO. OF TEETH \_\_\_\_\_ 19
- SPLINE PITCH \_\_\_\_\_ 24 /48
- PRESSURE ANGLE \_\_\_\_\_ 45°
- BASE Ø \_\_\_\_\_ .5597 REF
- PITCH Ø \_\_\_\_\_ .7916 REF
- MAJOR Ø \_\_\_\_\_ .850 - .859
- MINOR Ø \_\_\_\_\_ .835
- FORM 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: 50 LBS  
CLASS "H" INSULATION  
PERFORMANCE SPEC: 5



**MOTOR WIRING CONNECTIONS:**  
CW ROTATION DRIVE END  
CONNECT A1 & F1 TO ONE BATTERY TERMINAL  
CCW ROTATION DRIVE END  
CONNECT A2 & F2 TO OTHER BATTERY TERMINAL  
SWITCH F1 & F2 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  
XXR \_\_\_\_\_ .03  
XXR \_\_\_\_\_ .001 / .006  
ANGLES \_\_\_\_\_ 0-30°

<b>D &amp; D MOTOR SYSTEMS INC</b>			
<b>MOTOR OUTLINE</b>			
SIZE	DRAWN DATE	RELEASE DATE	DWG NO. / PART NO.
B	10-29-24		ES-183-101
SCALE	STF	DRAWN BY	REV DATE
		MJG	