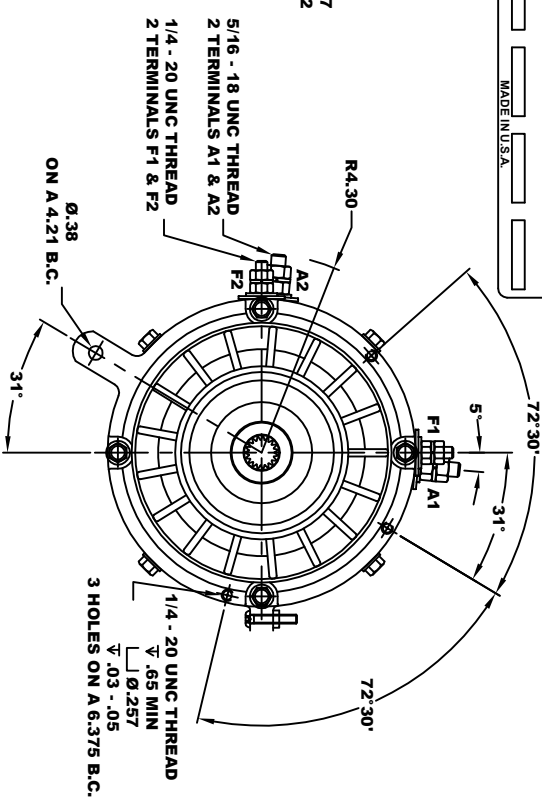
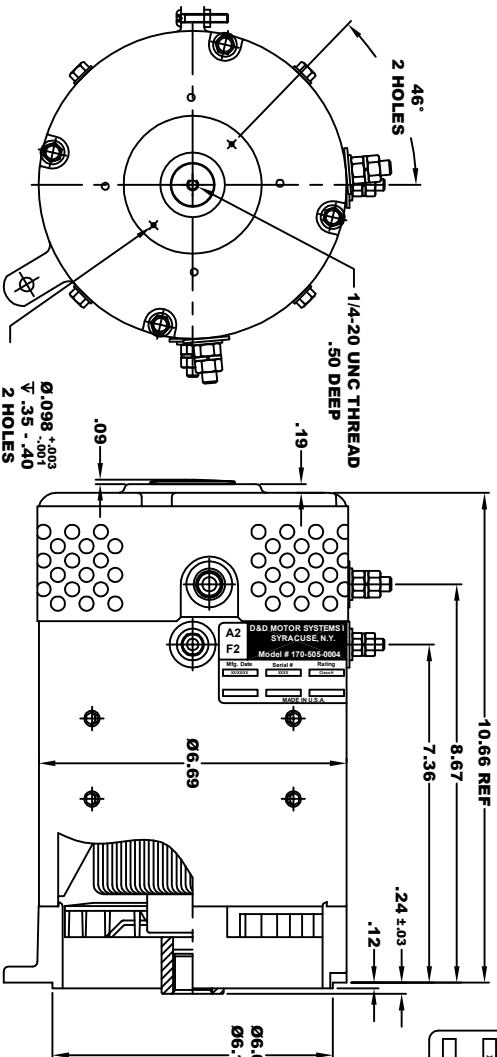


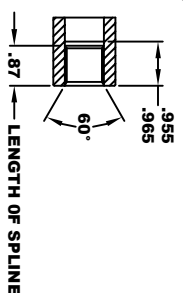
D&D MOTOR SYSTEMS INC.			
SYRACUSE N.Y.			
A2	F2	A1	F1
Model # 170-505-0004			
Mfg. Date	Serial #	Rating	Voltage
XXXXXX	XXXX	CLASS 33	24V-72V
MADE IN U.S.A.			

**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

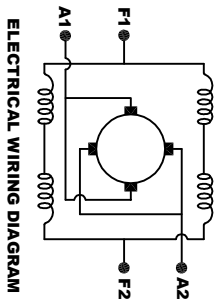


**INTERNAL INVOLUTE SPLINE SPECIFICATION
CLASS 5 FILLET ROOT SIDE FIT (PER A.N.S.I. B92.1)**

- NO. OF TEETH _____ 19
- SPLINE PITCH _____ 24 / 48
- PRESSURE ANGLE _____ 45
- BASE Ø _____ .5597 REF
- PITCH Ø _____ .7916 REF
- MAJOR Ø _____ .850 - .859
- 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: 50 LBS
CLASS "H" INSULATION
PERFORMANCE SPEC: 33**



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

D & D MOTOR SYSTEMS INC

MOTOR OUTLINE

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
XX _____ .05
XX ROUGH CASTING _____ .03
HOLES _____ .001 / +.006
ANGLES _____ 0-30°

SIZE	DRAWN DATE	RELEASE DATE	DWG NO. / PART NO.	REV
B	12-15-04	4-17-24	170-505-0004	
SCALE	STF	DRAWN BY	MJG	ES-61A-33
				REV DATE