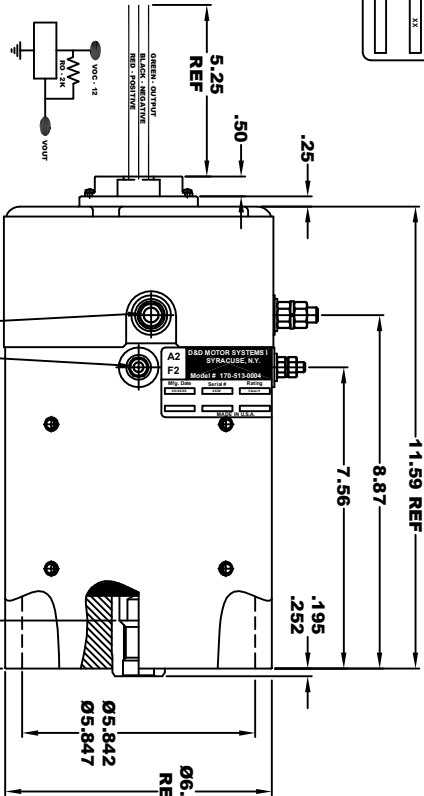
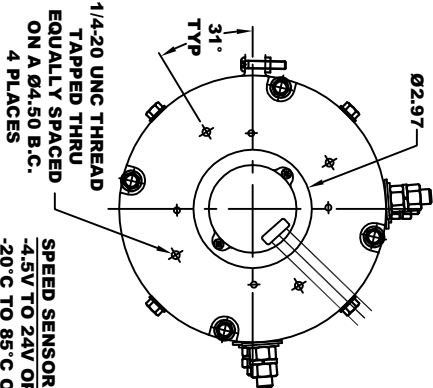


D&D MOTOR SYSTEMS INC. SYRACUSE N.Y.			
A2	F2	A1	F1
Model # 170-513-0004			
Wtg. Dwg.	Serial #	Rating	Voltage
XX/XX/XX	XXXX	CLAS-B	XX
MADE IN U.S.A.			



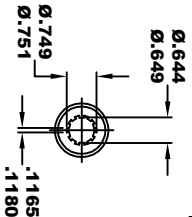
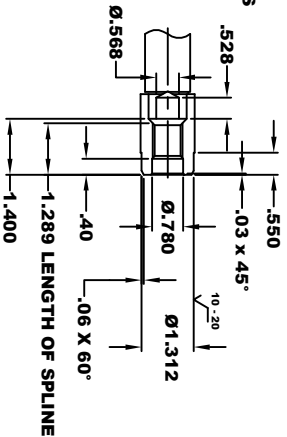
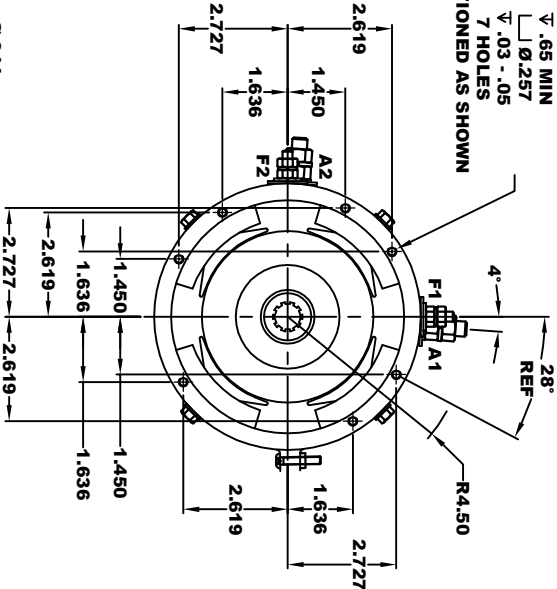
1/4-20 UNC THREAD
2 TERMINALS F1 & F2
3/8-16 UNC THREAD
2 TERMINALS A1 & A2

SPEED SENSOR ELECTRICAL SPECIFICATION:
-4.5V TO 24V OPERATING VOLTAGE
-20°C TO 85°C OPERATING TEMPERATURE
-CURRENT SINKING UP TO 25ma
-AN EXTERNAL OUTPUT PULL UP RESISTOR IS REQUIRED

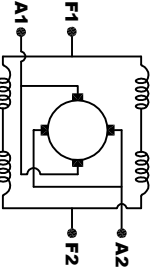
THE OPERATIONAL DISTANCE BETWEEN THE MAGNET AND THE HOUSING, INCLUDING ANY RUNOUT SHOULD NOT EXCEED .030 INCHES

1/4 - 20 UNC THREAD
V .65 MIN
J Ø.257
V .03 - .05
7 HOLES
POSITIONED AS SHOWN

**TORQUE SPECIFICATION FOR
POWER CABLE SECURING TOP NUTS**
3/8-16 UNC (A1 / A2) - 140 IN / LBS MAX
1/4-20 UNC (F1 / F2) - 50 IN / LBS MAX



MOTOR WEIGHT 63 LBS
CLASS "H" INSULATION
PERFORMANCE SPEC: 50 / K-254



ELECTRICAL WIRING DIAGRAM

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
-XX- .005
-XX- .001 ±.006
HOLES .001 ±.006
ANGLES 0-30°

D & D MOTOR SYSTEMS INC			
MOTOR OUTLINE			
SIZE	DRAWN DATE	RELEASE DATE	DWG NO. / PART NO.
B	6-6-05	6-4-24	170-513-0004
SCALE	DRAWN BY	REV	DATE
STF	MJG	ES-126-50	