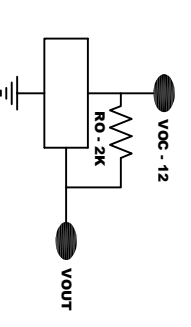
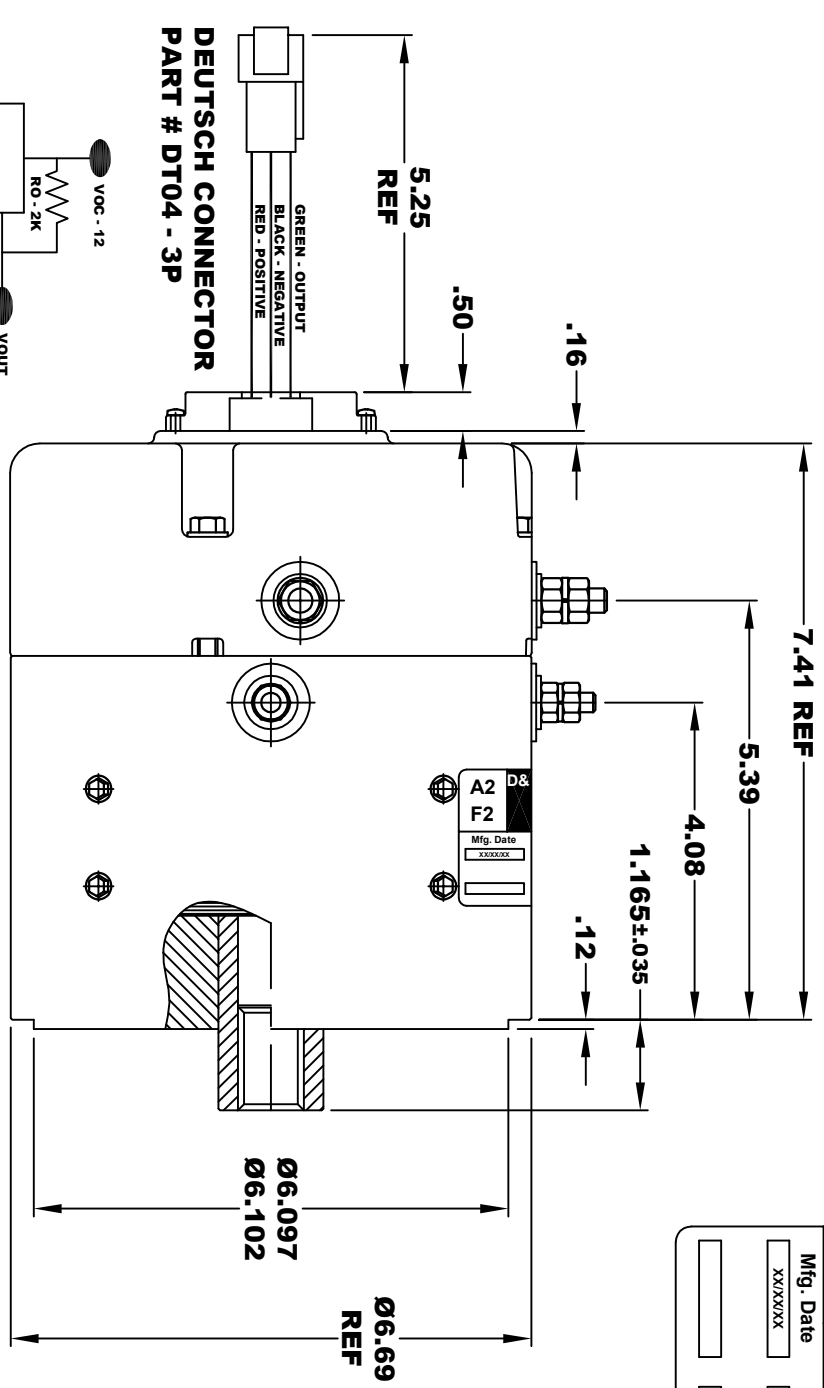
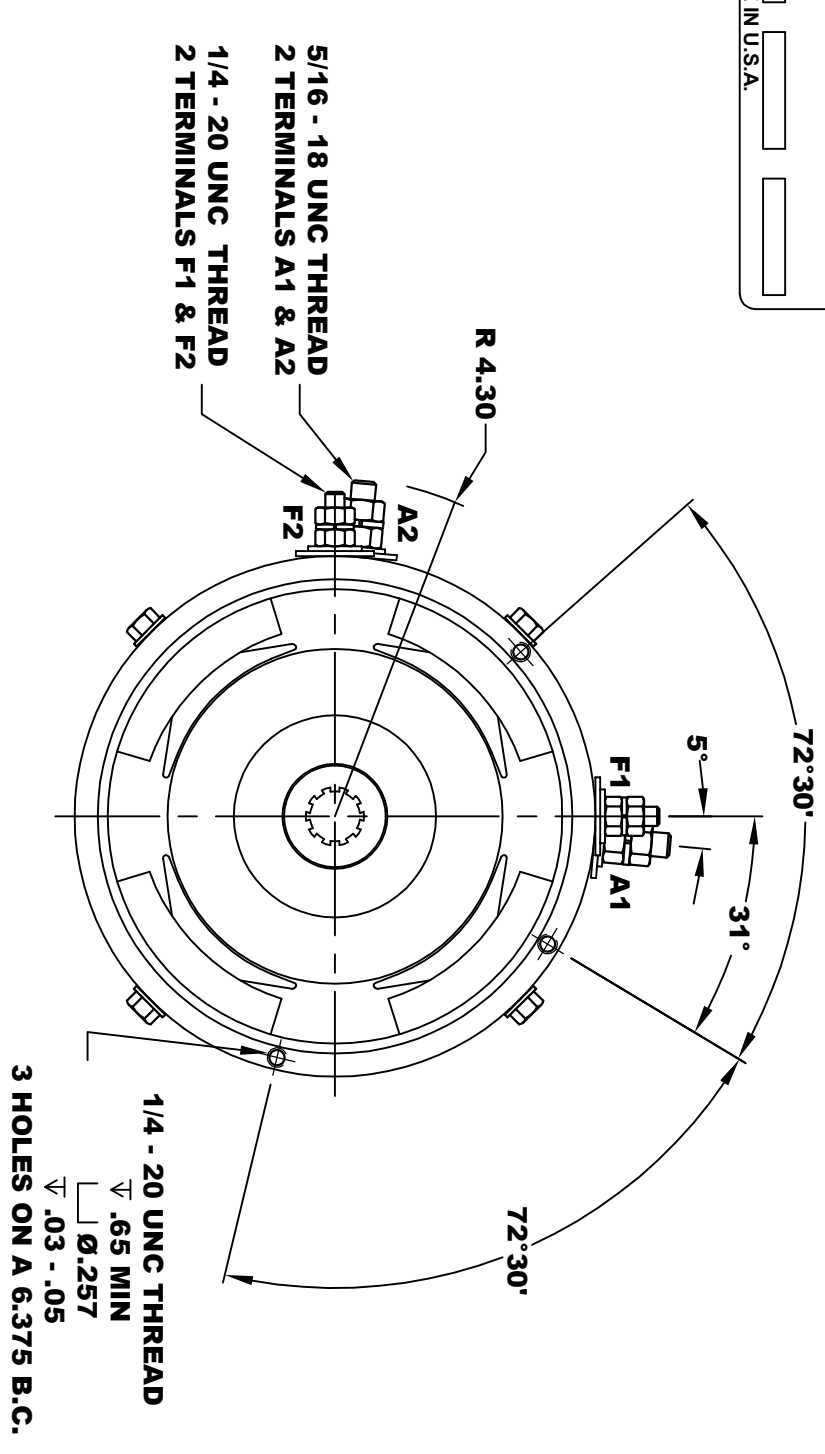
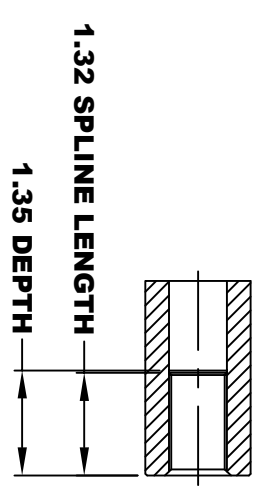


**TORQUE SPECIFICATION FOR
POWER CABLE SECURING TOP NUTS**
5/16-18 UNC (A1 / A2) - 110 IN / LBS MAX
1/4-20 UNC (F1 / F2) - 50 IN / LBS MAX

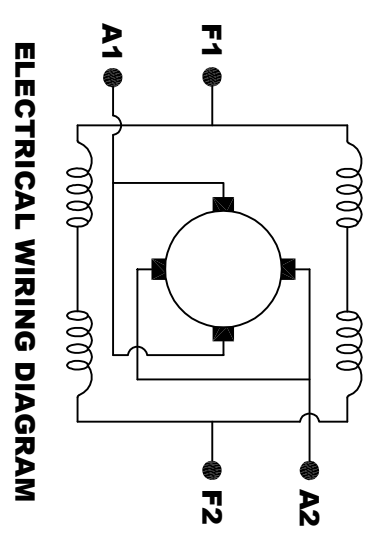
A2	D&D MOTOR SYSTEMS INC.			A1
F2	SYRACUSE N.Y.			F1
Mfg. Date		Serial #	Rating	Voltage
XX/XX/XX		XXXX	Class H	XX
Model # ES-170-52				
MADE IN U.S.A.				



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
-SENSOR IS DESIGNED TO OPERATE WITH 4 N/S POLEPAIRS
-THE OPERATIONAL DISTANCE BETWEEN THE MAGNET
AND THE HOUSING, INCLUDING ANY RUNOUT
SHOULD NOT EXCEED .030 INCHES



MOTOR WEIGHT 35 LBS
CLASS "H" INSULATION
PERFORMANCE SPEC: 52



MOTOR WIRING CONNECTIONS:
CW ROTATION DRIVE END
CONNECT A1 & F1 TO ONE BATTERY TERMINAL
CONNECT A2 & F2 TO OTHER BATTERY TERMINAL
CCW ROTATION DRIVE END
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
XX RROUGH CASTING .03
HOLES .001 / +.006
ANGLES 0.30"

D & D MOTOR SYSTEMS INC			
MOTOR OUTLINE			
SIZE	DRAWN DATE	RELEASE DATE	DWG NO. / PART NO.
B	10-27-17		ES-170-52
SCALE	STF	DRAWN BY	MJG
			REV DATE