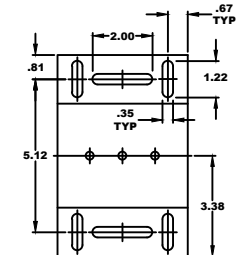
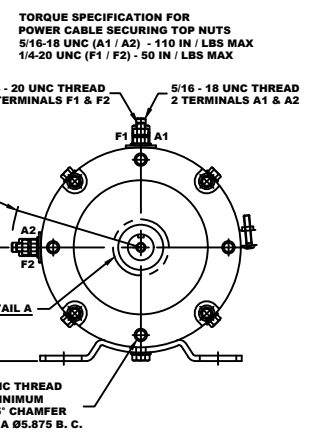
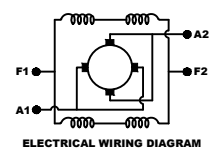
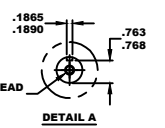


**SPEED SENSOR ELECTRICAL SPECIFICATION:**  
 -4.5V TO 24V OPERATING VOLTAGE  
 -20°C TO 85°C OPERATING TEMPERATURE  
 -CURRENT SINKING UP TO 25mA  
 -AN EXTERNAL OUTPUT PULL UP RESISTOR IS REQUIRED  
 -SENSOR IS DESIGNED TO OPERATE WITH 4 N/S POLEPAIRS  
 THE OPERATIONAL DISTANCE BETWEEN THE MAGNET  
 AND THE HOUSING, INCLUDING ANY RUNOUT  
 SHOULD NOT EXCEED .030 INCHES



MOTOR WEIGHT: 62 LBS  
 CLASS "H" INSULATION



**THIS PRINT IS THE PROPERTY OF D & D MOTOR SYSTEMS INC.**  
**DO NOT SCALE**  
**WORK TO DIMENSIONS**  
**TOLERANCES UNLESS OTHERWISE SPECIFIED ARE AS FOLLOWS**

FINISH	.01
.XXX	.005
.XX ROUGH CASTING	.03
HOLES	-.001 / +.006
ANGLES	0°30"

**MOTOR WIRING CONNECTIONS:**  
 CW ROTATION DRIVE  
 CONNECT A1 & F1 TO ONE BATTERY TERMINAL  
 CONNECT A2 & F2 TO OTHER BATTERY TERMINAL  
 CCW ROTATION DRIVE  
 SWITCH F1 & F2 CONNECTIONS

<b>D &amp; D MOTOR SYSTEMS INC</b>				
<b>MOTOR OUTLINE</b>				
SIZE	DRAWN DATE	RELEASE DATE	DWG NO. / PART NO.	REV
B	1-4-07		ES-32-49	R2
SCALE	DRAWN BY		REV DATE	
STF	MJG		8-24-17	