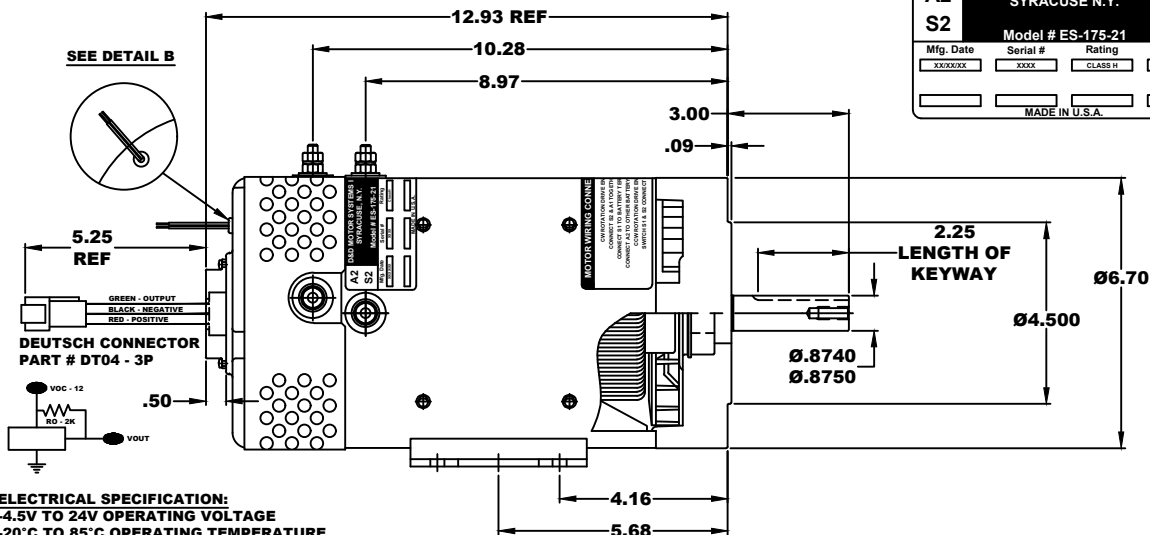
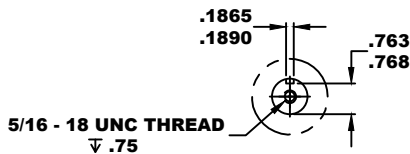


SEE DETAIL B

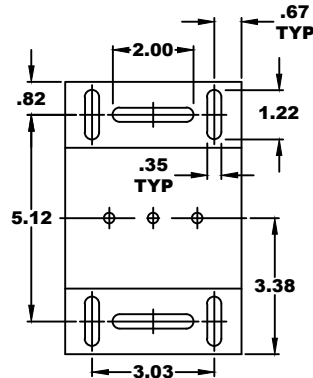


ELECTRICAL SPECIFICATION:
-4.5V TO 24V OPERATING VOLTAGE
-20°C TO 85°C OPERATING TEMPERATURE
-CURRENT SINKING UP TO 25mA
-AN EXTERNAL OUTPUT PULL UP RESISTOR IS REQUIRED
-SENSOR IS DESIGNED TO OPERATE WITH 2 N/S POLEPAIRS
THE OPERATIONAL DISTANCE BETWEEN THE MAGNET AND THE HOUSING, INCLUDING ANY RUNOUT SHOULD NOT EXCEED .030 INCHES

DETAIL A



DETAIL B

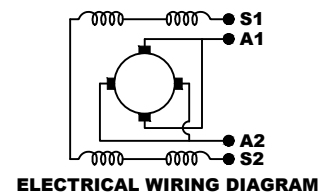
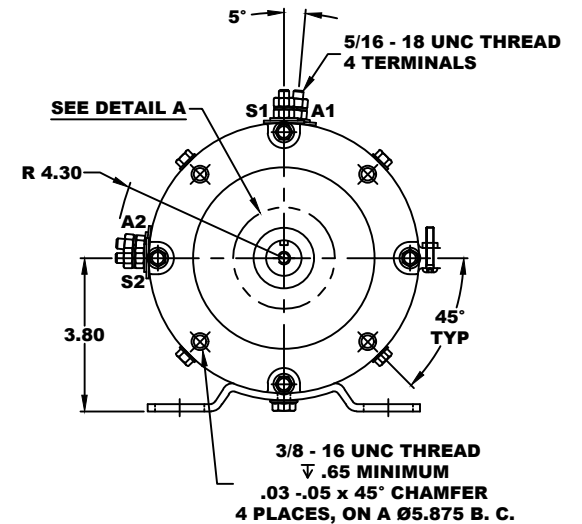


THERMAL PROTECTOR ELECTRICAL SPECIFICATION: MAX. DC OPERATING VOLTAGE: 60 VOLTS 140° C NORMALLY OPEN SWITCH

MOTOR WEIGHT: 63 LBS
CLASS "H" INSULATION
PERFORMANCE SPEC: 21 / K-254 / CCW-5

A2	D&D MOTOR SYSTEMS INC.				A1
S2	SYRACUSE N.Y.				S1
Model # ES-175-21					
Mfg. Date	Serial #	Rating	Voltage		
XXXXXX	XXXX	CLASS R	24V - 72V		
MADE IN U.S.A.					

TORQUE SPECIFICATION FOR POWER CABLE SECURING TOP NUTS
5/16-18 UNC - 110 IN / LBS MAX



MOTOR WIRING CONNECTIONS:
CW ROTATION DRIVE END
CONNECT S2 & A1 TOGETHER
CONNECT S1 TO BATTERY TERMINAL
CONNECT A2 TO OTHER BATTERY TERMINAL
CCW ROTATION DRIVE END
SWITCH S1 & S2 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 ROUGH CASTING	.03				
HOLES	-.001 / +.006				
ANGLES	0°30"				

D & D MOTOR SYSTEMS INC

MOTOR OUTLINE

SIZE	DRAWN DATE	RELEASE DATE	DWG NO. / PART NO.	REV
B	6-24-24		ES-175-21	
SCALE	DRAWN BY		REV DATE	
STF	MJG			