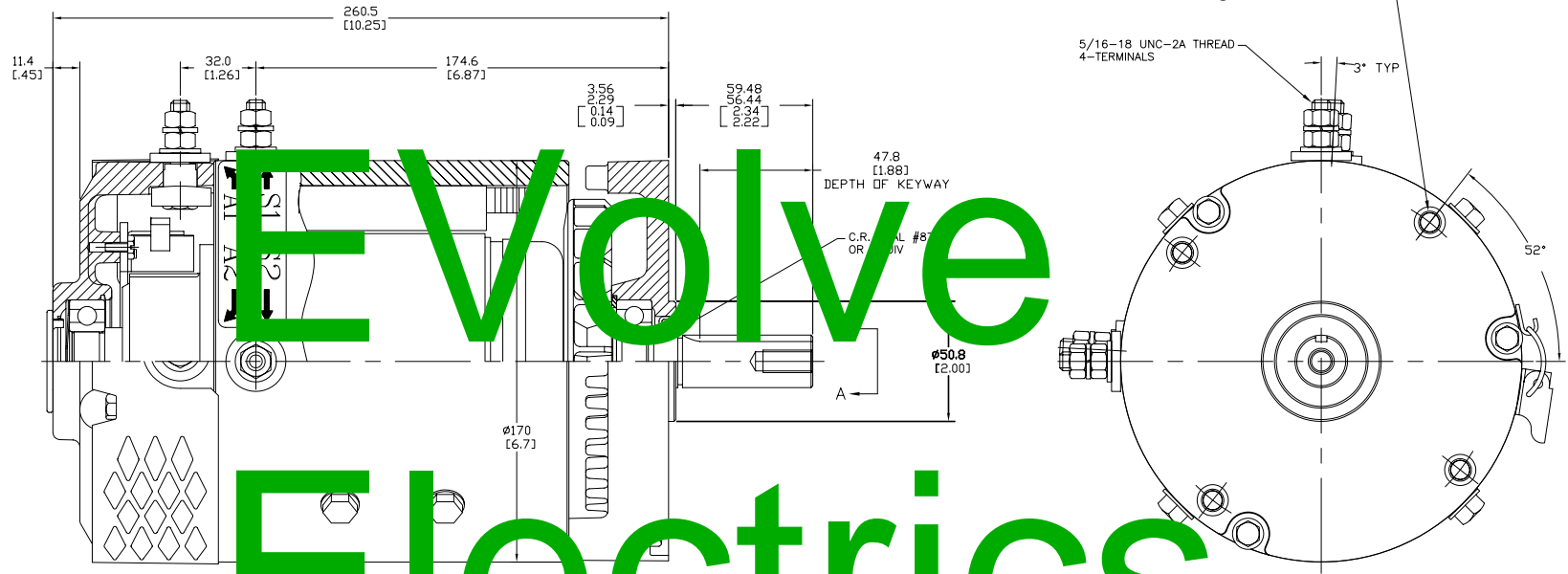


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Advanced D.C. Motors, Inc. Syracuse N.Y. U.S.A.	
PART NO.	PART NO.
A00-4009	A00-4009
VOLT D.C.	CLASS H
36	SERIAL NO.
RATING	2300 RPM 4.15 HP CONT

- \* NAME LABEL STAMPED WITH CUSTOMER PART No, ADVANCED D.C. MOTORS PART No A00-4009 AND 36 VOLT
- \* "2300 RPM 4.15 HP CONT" STAMPED ON NAME LABEL IN RATING BOX
- \* CODE DATE STAMPED ON FRAME NEAR NAME LABEL

OUTLINE DIMENSIONS ARE NOMINAL UNLESS TOLERANCES ARE SPECIFIED



3/8-16 UNC-2B x 15.7/.62 DP MIN THREAD  
MIN WITH A 12.7/.50 DIA. x 120°  
C'SINK 4-HOLES EQUALLY SPACED ON A  
149.23±0.20/5.875±.008 DIA B.C.

5/16-18 UNC-2A THREAD  
4-TERMINALS

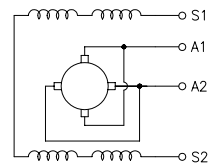
# Evolve Electrics

TEST TO CURVE:

CLASS "B" INSULATION

- \* FRAME - PAINT
- \* END HEADS - NATURAL ALUMINUM
- \* HEADBAND MATERIAL: ALUMINUM
- \* VENTILATED MOTOR WITH FAN
- \* MOTOR WEIGHT: 21 KG / 46 LBS
- \* THIS MOTOR IS A REPLACEMENT FOR A89-4001

36 VOLT



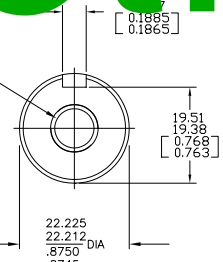
WIRING DIAGRAM

ROTATION - REVERSIBLE

C.W.D.E.  
CONNECT S1 TO ONE BATTERY TERMINAL  
CONNECT S2 & A1  
CONNECT A2 TO OTHER BATTERY TERMINAL

C.C.W.D.E.  
CONNECT S1 TO ONE BATTERY TERMINAL  
CONNECT S2 & A2  
CONNECT A1 TO OTHER BATTERY TERMINAL

3/8-16 UNC-2B x 21 ±.8/.83 ±.03 DP THD  
WITH A .8/.03 x 45° CHAMFER



VIEW A-A  
SCALE: 2:1

Zone Rev		Was		By		Date		MILLIMETER / INCHES OR MILLIMETER INCHES		PROJECTION THIRD ANGLE		Material Ref A89-4001 This print is the property of Advanced D.C. Motors, Inc. and supersedes all prints previous to last revision. Do not scale-work to dimensions.		Advanced D.C. Motors, Inc. Syracuse N.Y.	
D		CORRECT HOLE SIZE, POR 4150		SMR 10/25/02		MUG 06-14-02		Scale		Drawn		Date			
D		REDRAWN IN ACAD, LAST REV C						FULL		PJB		01-26-00			
								Part No				A00-4009			

LO-219

XP-11646