



# ENGINEERING SPECIFICATION

PART No.: 800-545-76 REV.: 01  
 REF.CODE : 401  
 UNIT O.M. : EA  
 ENGG.REF.: C A C

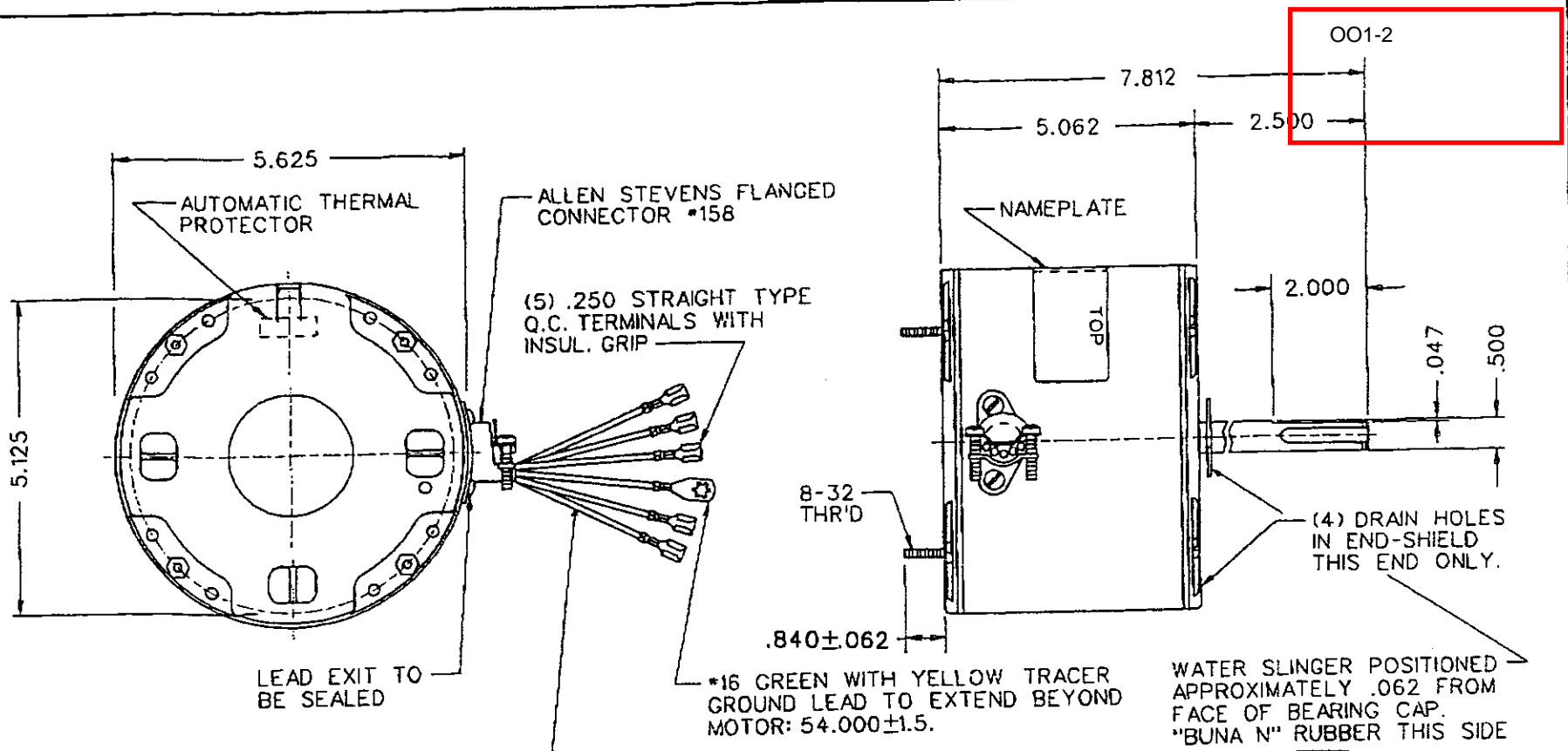
PART DESCRIPTION: FAN MTR. 1/4 HP ; 460-1-60 Hz. ; 600/1075 RPM

VENDOR	: EMERSON	001-1
VENDOR MODEL NO.	: K55HXETG-7519	
H.P.	: 1/4 HP	
NO OF SPEED	: 2	
R.P.M	: 600 LO ; 1075 HI	
VOLTAGE-PH-FREQ.	: 460-1-60 Hz	
ROTATION	: CCW DRIVE END	
WINDING TYPE	: PSC	
CAPACITOR VALUE	: 5 MFD / 370 VAC	
TEMP. RISE	: 50 °C	
AMBIENT TEMP.MAX.	: 75°C (MTR. NAMEPLATE TO BE MARKED AMBIENT 75°C)	
TIME RATING	: CONTINUOUS	
SERVICE FACTOR	: 1.0	
FRAME	: 48 Y	
INSULATION CLASS	: F	
ENCLOSURE	: TEAO	
BEARING	: BALL	
SHAFT DIA.	: 0.5"DIA. (+0.0000, -0.0005)	
NAMEPLATE AMPS	: 0.8	

PERFORMANCE @ 460 V	: 600 RPM	: 1075 RPM
BREAK DOWN TORQUE(Oz.FT.)	: 10.4	: 29.7
LOCKED ROTOR TORQUE(Oz.Ft)	: 2.9	: 8.4
FULL LOAD TORQUE (OZ. FT)	: --	: 19.5
FULL LOAD AMPS/WATTS	: --	: 0.73 / 301
LOCKED ROTOR AMPS	: 0.72	: 1.9
NO LOAD AMPS/WATTS	: 0.13 / 47	: 0.39 / 116
FULL LOAD R.P.M	: --	: 1109
NO LOAD R.P.M	: 1187	: 1193
BREAKDOWN R.P.M	: 881	: 908
MAIN/AUX. RESISTANCE(OHMS)	: 80.1/ 80.1	: 80.1
THERMAL PROTECTION	: AUTO	RESET FOR O.L. PROTECTION

ALL DIMENSIONS ARE IN INCHES SHEET 1 OF 2 SCALE: N.T.S.

				<b>PRODUCT ENGINEERING</b>	
				PREPARED BY	S.SHUJATULLAH <i>[Signature]</i>
				CHECKED BY	P.RAMESH/ROY <i>[Signature]</i> SIRAJ/MATHEW <i>[Signature]</i>
				APPROVED BY	HASHIM A.BOUNYAN <i>[Signature]</i>
01	REDRAWN AUTO CAD-STUD LTH.0.84" WAS 0.45" ADDED AMBIENT TEMP.			CHK BY/ DATE	ECO
#	REVISION DETAILS			ISSUE DATE	: : 20-10-1997 <i>[Signature]</i>



5 LEADS, #18, .031 THICK INSUL TO EXTEND BEYOND MOTOR:  
 BLK - 54.000 ± 1.5.  
 YEL - 54.000 ± 1.5.  
 BRN - 54.000 ± 1.5.  
 RED - 54.000 ± 1.5.  
 ORG - 54.000 ± 1.5.

**EMERSON MOTOR DIVISION**  
ST. LOUIS MO U.S.A.

**EMERSON K55HXETG-7519 HP 1/4**

VOLT 460 HZ 60 AMP 0.8 PH 1

R.P.M. 1075/600 THERMALLY PROTECTED

PART NO 800-545-76-00 MFG. NO. [ ]

INS CL F 85C AMB AIR OVER CONT FRAME 42Y

**WARNING:** FOLLOW ALL SAFETY INFORMATION TO REDUCE POTENTIAL ELECTRICAL SHOCK. DISCONNECT POWER BEFORE SERVICING. FOLLOW NATIONAL AND LOCAL CODES FOR GROUNDING AND INSULATE UNUSED LEAD WIRES INDIVIDUALLY.

**CONNECTIONS**

MOTOR: YEL - COM. 370 VAC CAP. BRN - HI. BLK - HI. CRG - LO. RED - LO.

CONNECT BLK. & ORG. TOGETHER FOR LOW ONLY.

ROTATION →

BEARING  
BALL

ZAC REV: [ ]  
SHEET OF [ ]

MODEL	REF.	CUSTOMER	HP.	VOLTS	AMPS	HZ.	R.P.M.	ROTATION	CUST. PT. NO.
K55HXETG-7519		ZAMIL AIR COND.	1/4	460	0.8	60	1075/600	CW. LEAD END	800-545-76-00

REVISION RECORD FOR: PRODUCTION

PAGE 1 OF 1	CREATED DRAWING
REVISION DATE	
030C97	
DESIGNED BY	REVIEWED BY
J. BOWDEN	R. BITSCH
ENGINEER	APPROVED
	R. BITSCH

INFORMATION DISCLOSED ON THIS DOCUMENT IS CONSIDERED PROPRIETARY AND SHALL NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN CONSENT OF EMERSON ELECTRIC COMPANY.

**EMERSON** MOTOR DIV.  
EMERSON ELECTRIC CO.  
ST. LOUIS, MISSOURI

ALL DIMENSIONS ARE FOR REFERENCE ONLY UNLESS TOLERANCE IS GIVEN.

ITEM NO.	CODE	SIZE
ASSEMBLY VIEW	V01	331717 A