

Part Number: 026953000



The Aximax 2 fan, like other vaneaxial fans, has both aerodynamic impeller blades and stationary guide vanes to enhance static pressure efficiency. These high speed fans achieve maximum performance and minimum size with the unique inverted AC induction motor.

The venturi case and propeller are cast aluminum. Rotron's unique inverted motor rotorprop impeller stainless steel shaft runs on two high-precision (ABEC 5), double-shielded, stainless steel ball bearings with an integral lubricant reservoir to give longer maintenance-free life.

Contact AMETEK Rotron for specific ratings. Rotron rates life expectancy in hours L10 or MTBF at a given ambient temperature. This is the time at which 90%, for L10, and 50%, for MTBF, of an available test lot are still operating.

SPECIFICATIONS

Unit Description: AX2HT,115AC,N,464YH

Locked Rotor (Amps): 0.17

Air Flow (CFM): 29.5

Unit Weight (lbs): 0.28

Pressure Shutoff (IWG): 0.83

Max Amb Temp (°C): 125

Line Voltage (DC): 115

Product Family: Ax2

Phase/Frequency: 1 / 400

Motor Series: 464YH

Capacitor (uF): 0.15/220

C Drawing Number: C026953000

Power (Watts): 12.5

Voltage Type: AC

Running Current (Amps): 0.11

ENVIROMENTAL SPECIFICATIONS

This fan can be designed to meet the following requirements of MIL-STD-810C

Altitude: Method 500.1, pr I

Rain: Method 506.1

Acceleration: Method 513.2

Fungus: Method 508.1

Vibration: Method 514.2

Humidity: Method 507.1, pr I, II, III

Shock: Method 516.2

Explos Atm: Method 511.1, pr I

Salt Fog: Method 509.1

The listed environmental specifications are for reference only - please [Contact](#) our local sales representative to provide the current status and confirmation of compliance to your specification.

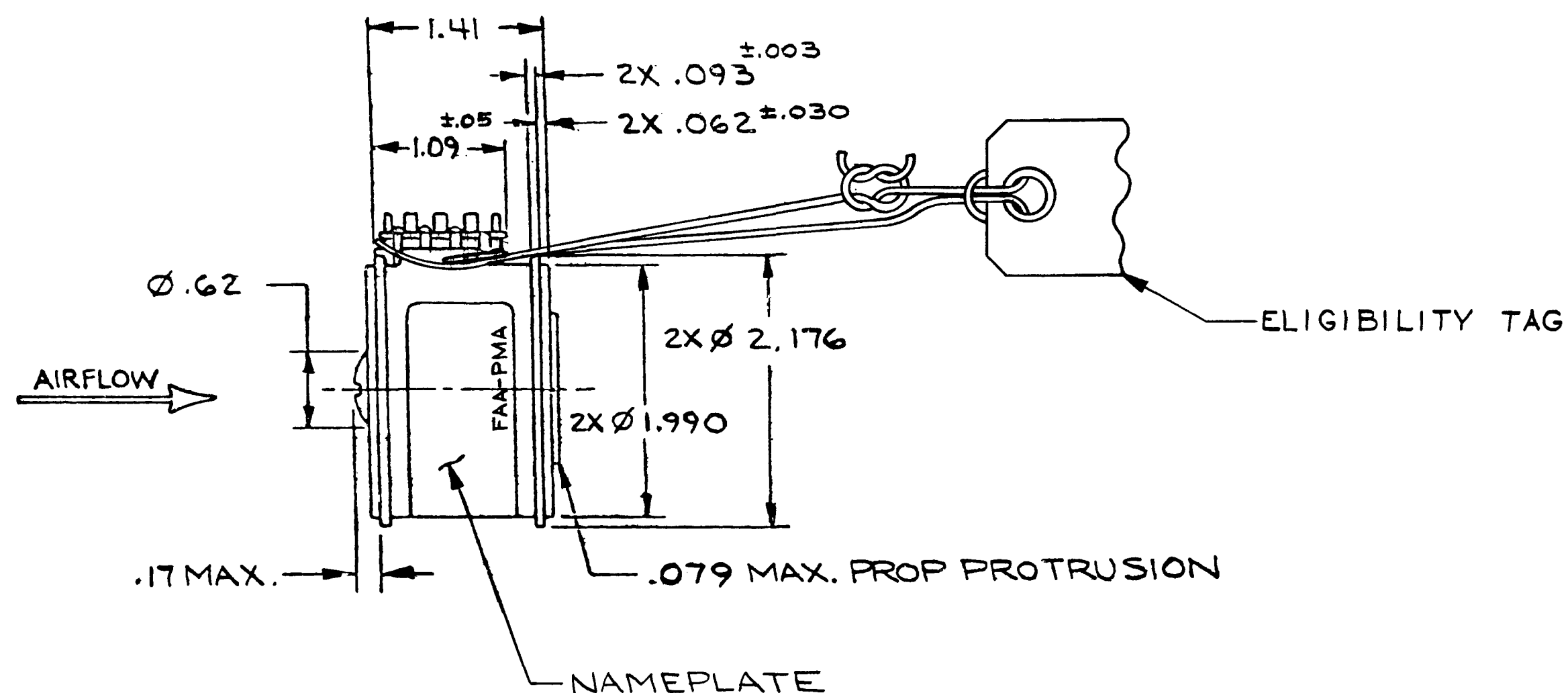
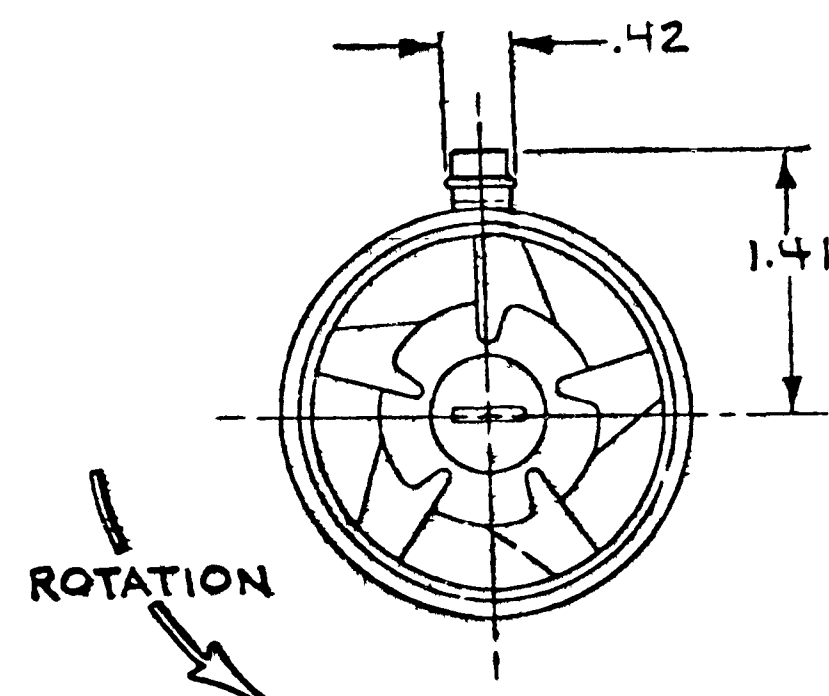
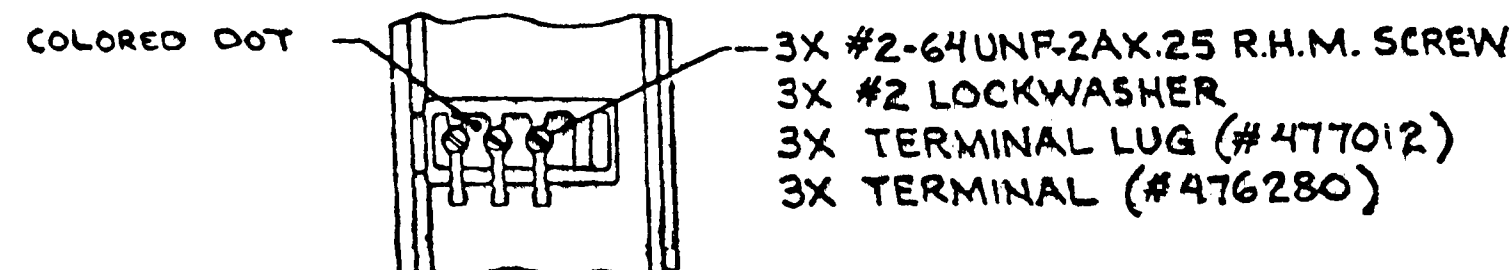
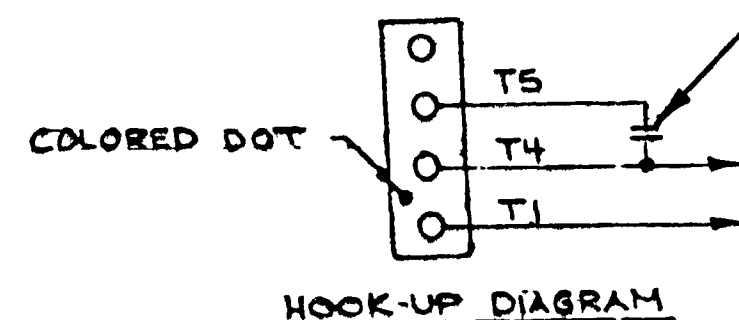
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	REDRAWN-NO CHG.	92-11-12	Johy
	B	ADDED TAG/C.O. 75213	96.03.04	Quoth

NOTES:

1. INTERPRET DWG. PER ANSI Y14.5M.

NAMEPLATE MOTOR DATA (NOM)

VOLTS _____ 115 V
CPS _____ 400
PH _____ 1
CAP _____ 0.15 MFD, 220 VAC

CAPACITOR NOT
SUPPLIED BY ROTRON

QTY REQD	PSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± .03 ±			CONTRACT NO.	EB&G ROTRON ROTRON INC., WOODSTOCK, NEW YORK 12496
MATERIAL			APPROVALS	DATE
FINISH			DRAWN P. SCHMIDEL	92-11-11
NEXT ASSY			CHECKED J. ROSSITZ	92-11-12
USED ON			ISSUED	
APPLICATION			DO NOT SCALE DRAWING	
			SIZE	FSCM NO.
			C	82877
			DWG. NO.	REV.
			C026953	B
			SCALE NONE	SHEET 1 OF 1

NOTES:
TYPICAL UNIT F3200A-0702

Date:	10-2-84	
Bench:	N4P-10-3	
Flow:	L <input type="checkbox"/>	R <input type="checkbox"/>
FREE FLOW	RPM	10580
	Line Amps	
	Locked Amps	---
	Watts	

MOTOR

Series	464YH
Type	AC
Volts	115
Wave	SINE
Phase	1
Hertz	400
MFD	0.15

STATIC PRESSURE- INCHES OF WATER

TEMP. RISE °C
BY RESISTANCE

POWER INPUT
WATTS

