

Part Number: 026949000



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,368YH

Locked Rotor (Amps): 0.45

Air Flow (CFM): 56

Unit Weight (lbs): 0.28

Pressure Shutoff (IWG): 2.86

Max Amb Temp (°C): 125

Line Voltage (DC): 115

Product Family: Ax2

Phase/Frequency: 1 / 400

Motor Series: 368YH

Capacitor (uF): 0.5/220

C Drawing Number: C026949000

Power (Watts): 39.8

Voltage Type: AC

Running Current (Amps): 0.31

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

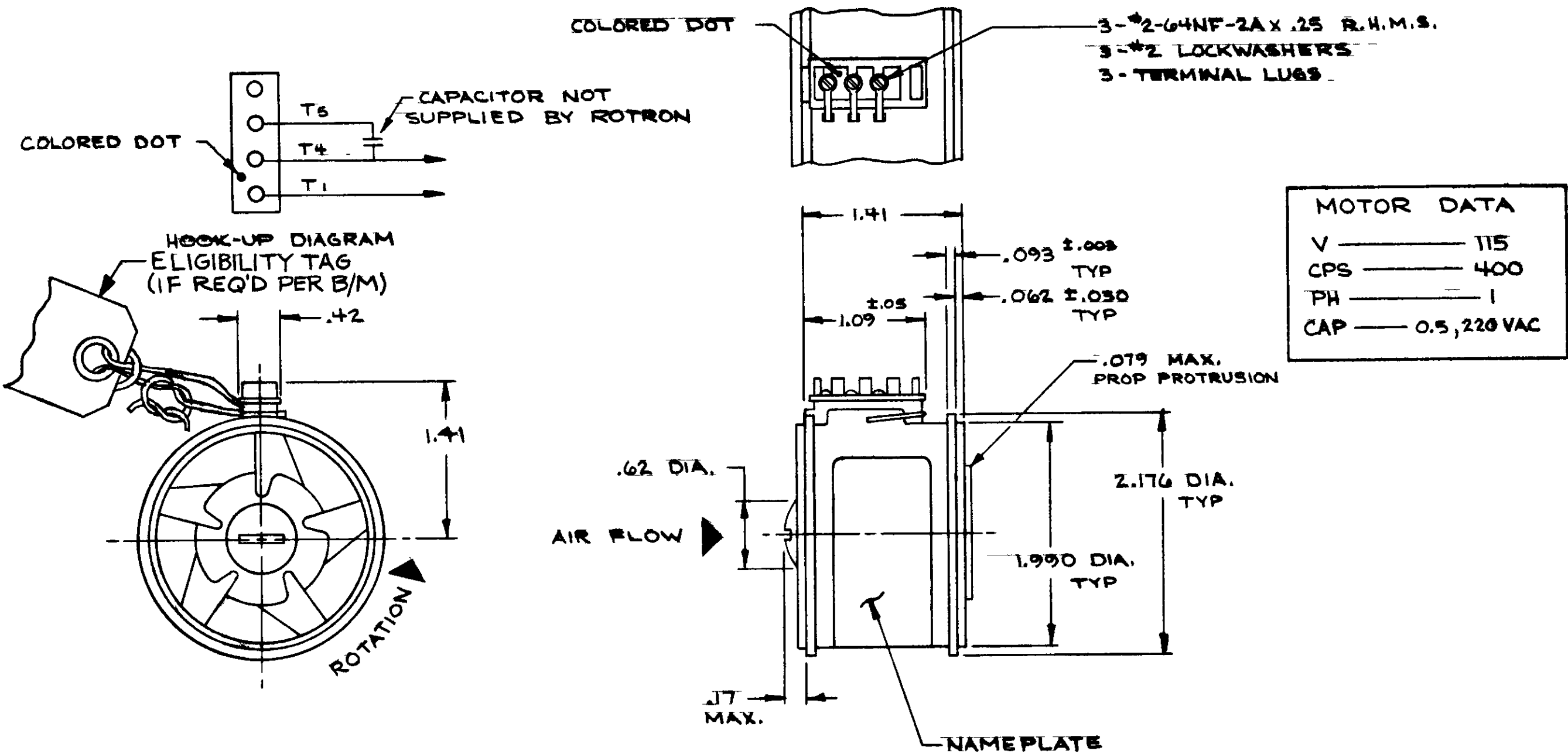
Humidity: Method 507.1, pr I, II, III

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.



MUST CONFORM TO ROTRON STD. NO. 1 UNLESS OTHERWISE SPECIFIED

NO BURRS ALLOWED INSIDE AND OUTSIDE CORNERS UNLESS SPECIFIED MAY HAVE .010 MAX. BREAK

TOLERANCE UNLESS SPECIFIED

2 PL DEC	± .03
3 PL DEC	± .010

ANGULAR 2

AMERICAN PROJECTION INCH METRIC

DO NOT SCALE DWG

MATERIAL

SCALE **REF DWG** **FOR ASSY**

DRAWN 1-11-85 **CHECK** **APPVD** **DATE** 1/15/85

MC-026949 **B**

SHEET **OF** **REV.**

NOTES:

PURPOSE: TO ESTABLISH A NEW
LAB REF. UNIT, F3200B-0203C
TARE: .035, C.R. 127.25 @ 19.7 C

Date: 5-25-01

Bench: N4P-15-3

Flow: L ☐ R ☐

RPM 21043

Line Amps

Locked Amps ---

Watts

MOTOR

Series 368YH

Type AC

Volts 115

Wave SINE

Phase 1

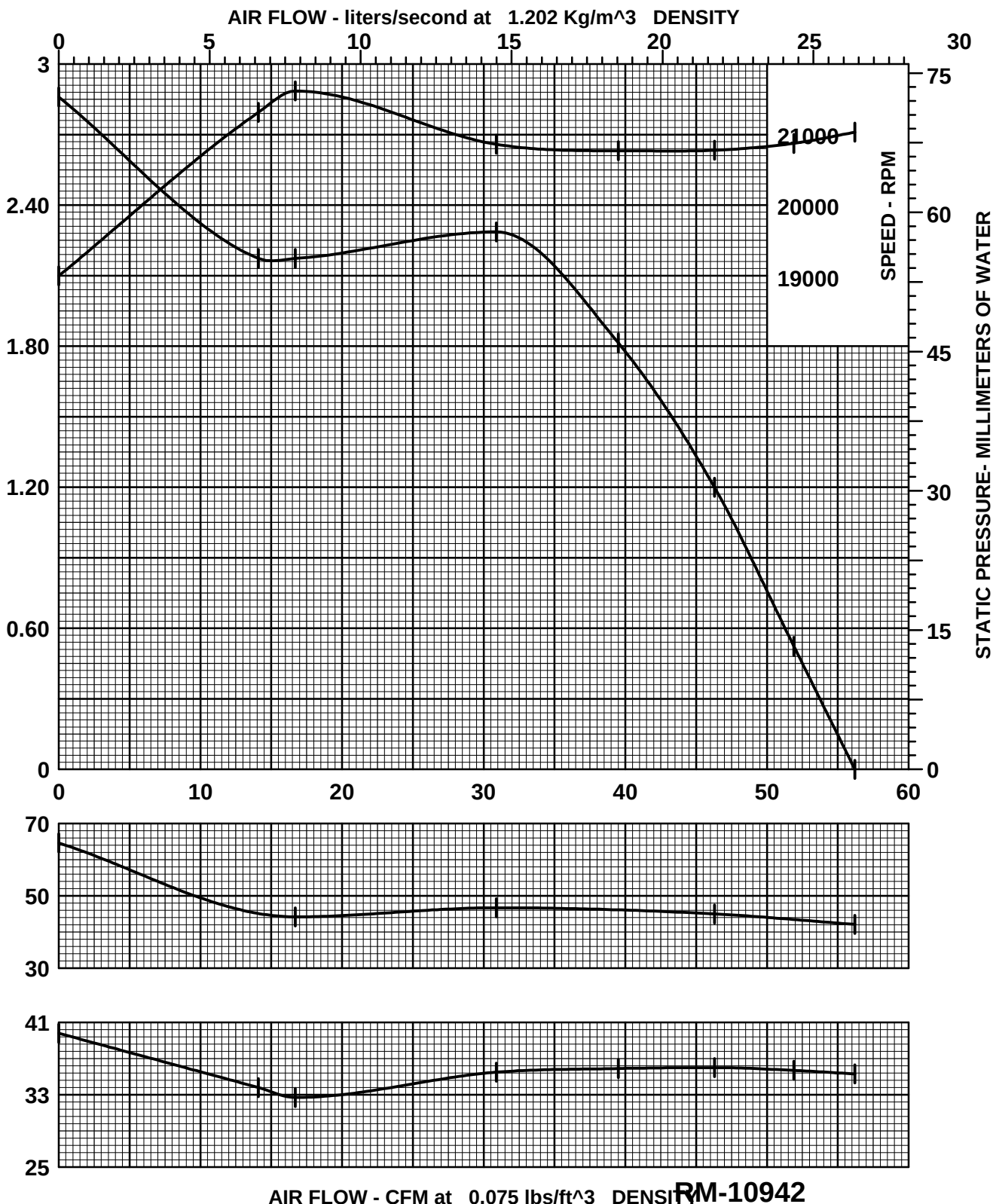
Hertz 400

MFD 0.5

STATIC PRESSURE- INCHES OF WATER

TEMP. RISE °C
BY RESISTANCE

POWER INPUT
WATTS



RM-10942