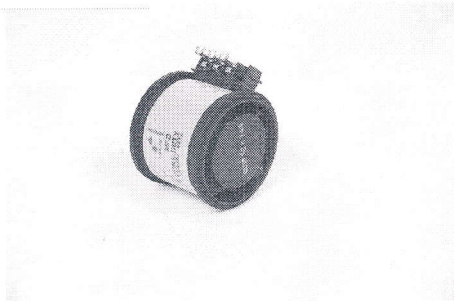




**AMETEK Rotron**  
Military and Aerospace Products

Part Number: 026943000

*FAST FANS*



The Aximax 1 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: AX1T,200AC,N,367JH

Air Flow (CFM): 21.4

Pressure Shutoff (IWG): 1.64

Line Voltage (DC): 200

Phase/Frequency: 3 / 400

Capacitor (uF): N/A

Power (Watts): 20.4

Running Current (Amps): 0.10

Locked Rotor (Amps): 0.36

Unit Weight (lbs): 0.25

Max Amb Temp (°C): 125

Product Family: Ax1

Motor Series: 367JH

C Drawing Number: C026943000

DBA at 3 feet: 59.6

Voltage Type: AC

#### ENVIROMENTAL SPECIFICATIONS

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

Altitude: Method 500.1, pr I

Acceleration: Method 513.2

Vibration: Method 514.2

Shock: Method 516.2

Salt Fog: Method 509.1

Rain: Method 506.1

Fungus: Method 508.1

Humidity: Method 507.1, pr I, II, III

Explos Atm: Method 511.1, pr I

The listed environmental specifications are for reference only - please Contact our local sales representative to provide the current status and confirmation of complian specification.