

View Online at <https://aerobasegroup.com/nsn/6105-00-519-1805>

**Overall Height:**

6.500 inches

**Overall Length:**

17.593 inches

**Overall Width:**

6.656 inches

**Thread Length:**

0.5625 inches single end

**Step Diameter:**

0.562 inches single end and 0.750 inches single end

**Shaft Diameter:**

0.562 inches single end and 0.875 inches single end

**Shaft Rotation Direction:**

Clockwise single end or counterclockwise single end

**Duty Cycle:**

Continuous

**Inclosure Feature:**

Spray tight

**Winding Type:**

Compound wound

**Mounting Method:**

Fixed base

**Mounting Facility Type And Quantity:**

4 unthreaded hole

**Cooling Method:**

Ambient air

**Current Rating Method:**

Load

**Inclosure Specification:**

Mil-std-108

**Features Provided:**

Vertical mounting position

**Power Rating:**

0.2500 horsepower output

**Thread Size:**

0.500 inches single end

**Length Of Shaft From Housing:**

6.093 inches single end

**Shaft Center To Mounting Surface Distance:**

3.500 inches single end

**Center To Center Distance Between Mounting Facilities Parallel To Length:**

3.000 inches

**Temperature Rating:**

50.0 ambient degrees celsius and 50.0 operating degrees celsius

**Rotor Speed Rating In Rpm:**

1725.0 single full load

**Center To Center Distance Between Mounting Facilities Parallel To Width:**

4.875 inches

**Current Rating In Amps:**

3.500 single input

**Connection Type And Voltage Rating In Volts:**

115.0 line to neutral single input

**Shaft End Characteristic:**

A2 first style single end and a9 second style single end and a11 third style single end

**Special Features:**

Lh thread on armature shaft

**Test Data Document:**

81349-mil-m-17556 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Thread Series Designator:**

Unf single end

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A271a0

**Mil-std (military Standard):**

Mil-std-108 spec.