

View Online at <https://aerobasegroup.com/nsn/6105-00-539-8797>

**Overall Height:**

5.875 inches

**Overall Length:**

8.375 inches

**Overall Width:**

6.312 inches

**Keyway Width:**

0.1250 inches single end

**Keyway Depth:**

0.0710 inches single end

**Shaft Diameter:**

0.5000 inches single end

**Keyway Length:**

1.2500 inches single end

**Shaft Rotation Direction:**

Clockwise single end or counterclockwise single end

**Duty Cycle:**

Intermittent

**Inclosure Feature:**

Totally enclosed

**Specific Use:**

Pilot motor for field rheostat of motor

**Winding Type:**

Series wound

**Mounting Method:**

Fixed base

**Mounting Facility Type And Quantity:**

4 threaded hole

**Cooling Method:**

Ambient air

**Current Rating Method:**

Load

**Inclosure Specification:**

Mil-std-108

**Bearing Type:**

Sleeve

**Features Provided:**

Vertical mounting position

**Frame Size Designation:**

75b

**Power Rating:**

0.1666 horsepower output

**Length Of Shaft From Housing:**

1.250 inches single end

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

1.750 inches

**Tempurature Rating:**

50.0 operating degrees celsius

**Rotor Speed Rating In Rpm:**

1800.0 single full load

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

2.750 inches

**Current Rating In Amps:**

1.800 single input

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

125.0 line to neutral single input

**Shaft End Characteristic:**

A9 single style single end

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A271a0

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

Mil-std-108 spec.