

View Online at <https://aerobasegroup.com/nsn/6105-01-233-9100>

**Thread Class:**

2a single end

**Thread Direction:**

Right-hand single end

**Overall Height:**

6.500 inches

**Overall Length:**

14.370 inches

**Overall Width:**

6.820 inches

**Thread Length:**

0.910 inches single end

**Keyway Width:**

0.188 inches single end and 0.190 inches single end

**Keyway Depth:**

0.094 inches single end and 0.095 inches single end

**Shaft Diameter:**

0.312 inches single end

**Keyway Length:**

2.440 inches single end

**Shaft Rotation Direction:**

Clockwise single end

**Duty Cycle:**

Continuous

**Inclosure Feature:**

Spray tight

**Winding Type:**

Induction-squirrel cage

**Mounting Method:**

Face

**Mounting Facility Type And Quantity:**

4 threaded hole

**Cooling Method:**

Separately ventilated

**Current Rating Method:**

Load

**Inclosure Specification:**

Nema

**Bearing Type:**

Annular ball

**Frame Size Designation:**

P56cz

**Power Rating:**

2.000 horsepower output

**Thread Size:**

0.312 inches single end

**Length Of Shaft From Housing:**

3.190 inches single end

**Temperature Rating:**

65.0 ambient degrees celsius

**Mounting Facility Circle Diameter:**

5.880 inches

**Rotor Speed Rating In Rpm:**

3600.0 single no load and 3450.0 single full load

**Current Rating In Amps:**

2.900 single input

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

440.0 line to neutral single input

**Shaft End Characteristic:**

A2 first style single end and a9 second style single end and a1 third style single end

**Phase:**

Three input

**Special Features:**

Mshaft end first style has 0.188 in. Diameter drill through hole; shaft end second style 0.624 in. Min, 0.625 in. Maximum dia; second style keyway extends over first style; shaft end third style 0.810 in. Min, 0.816 in. Maximum dia

**Frequency In Hertz:**

60.0 input

**Thread Series Designator:**

Unf single end

**Terminal Type And Quantity:**

3 solderless lug and 3 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A271a0