

View Online at <https://aerobasegroup.com/nsn/6105-01-186-6572>

Thread Class:

2a single end

Thread Direction:

Right-hand single end

Overall Height:

15.251 inches

Overall Length:

25.391 inches

Overall Width:

15.562 inches

Thread Length:

1.188 inches single end

Keyway Width:

0.187 inches single end

Keyway Depth:

0.093 inches single end

Shaft Diameter:

0.625 inches single end

Keyway Length:

1.188 inches single end

Shaft Rotation Direction:

Counterclockwise single end

Duty Cycle:

Continuous

Inclosure Feature:

Dripproof protected-15 deg

Winding Type:

Shunt wound w/commutating poles-stabilizing windings

Mounting Method:

Fixed base and face

Mounting Facility Type And Quantity:

4 threaded hole and 4 unthreaded hole

Cooling Method:

Self-ventilated

Current Rating Method:

Load

Inclosure Specificationification:

Nema

Features Provided:

Horizontal mounting position

Frame Size Designation:

254cyz

Power Rating:

5.000 horsepower output

Thread Size:

0.625 inches single end

Length Of Shaft From Housing:

4.124 inches single end

Shaft Center To Mounting Surface Distance:

6.250 inches single end

Center To Center Distance Between Mounting Facilities Parallel To Length:

8.250 inches

Tempurature Rating:

50.0 ambient degrees celsius

Mounting Facility Circle Diameter:

7.250 inches

Rotor Speed Rating In Rpm:

1800.0 single no load

Center To Center Distance Between Mounting Facilities Parallel To Width:

10.000 inches

Current Rating In Amps:

17.000 single input

Connection Type And Voltage Rating In Volts:

250.0 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

Special Features:

Shaft end second style 0.875 in. Dia; shaft end third style 1.500 in. Dia

Thread Series Designator:

Unf single end

Terminal Type And Quantity:

3 solderless lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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