

View Online at <https://aerobasegroup.com/nsn/6105-00-921-5194>

Overall Height:

3.050 inches

Overall Length:

7.760 inches

Overall Width:

5.145 inches

Spline Minor Diameter:

0.2513 inches single end

Spline Quantity:

11 single end

Shaft Diameter:

0.375 inches single end

Shaft Rotation Direction:

Clockwise single end

Duty Cycle:

Intermittent

Inclosure Feature:

General purpose

Winding Type:

Shunt wound

Spline Length:

1.140 inches single end

Mounting Method:

Fixed base

Time Interval:

45.0 seconds on

Cooling Method:

Ambient air

Current Rating Method:

Load

Torque Rating And Type:

50.0 inch-pounds starting

Power Rating:

3.000 horsepower input

Criticality Code Justification:

Spcl

Length Of Shaft From Housing:

1.140 inches single end

Shaft Center To Mounting Surface Distance:

1.525 inches single end

Rotor Speed Rating In Rpm:

6500.0 high full load

Current Rating In Amps:

950.000 single input

Connection Type And Voltage Rating In Volts:

28.0 line to line single input

Shaft End Characteristic:

A14 first style single end

Special Features:

Shaft material is steel, qq-s-624, comp 4130, thru hardened spline end of shaft to rockwell c45-48, rest of shaft to be rockwell c30-33; pitch=32/64 in.; pitch dia.=0.3438 in.; pressure angle=30 deg.; tooth thk.=0.0479 in.; basedia.=0.2977 in.; measuring pin dia.=0.060 in.; min. Measurement over 2 pins=0.4279 in.; lg. Of engagement=0.630 in.

Special Test Features:

Items are being coded as critical to insure source inspection will be performed at the point of manufacture, prior to material receipt by the us navy or other dod components. These items are piece parts or end items in support of vital military hardware necessary to sustain the successful mission of the ships, submarines, and shore stations of the us navy. Critical features including, but not limited to, dimensions, tolerances/clearances, electronic characteristics, and metallurgical properties will be specified for government qar (quality assurance representatives) to insure the highest possible degree of quality and reliability of these parts being delivered under navicp contracts

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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