

View Online at <https://aerobasegroup.com/nsn/5990-00-916-1419>

Body Material:

Any acceptable

Body Style:

Standard round b

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

2.0150 inches

Flange Diameter:

Between 1.0590 inches and 1.0620 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Width:

Between 0.0470 inches and 0.0530 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.3600 inches single shaft and 0.3900 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

125.0 degrees celsius

Stator Input Voltage Rating In Volts:

26.0

Stator Input Current Rating:

176.0 milliamperes

Stator Input Electrical Power Rating:

0.85 watts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

40.00

Zso Resistance In Ohms:

7.60

Zrs Resistance In Ohms:

38.00

Rotor Dc Resistance In Ohms:

23.00

Stator Dc Resistance In Ohms:

4.30

Transformation Ratio Equality In Percent:

3.0

Maximum Fundamental Null Voltage In Millivolts Per Volt:

45.00 input

Actuator Friction Torque At Minus 55 Deg Celsius:

6.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Alignment Hole Quantity:

4

Shaft Maximum Radial Play:

0.0008 inches

Shaft End Play:

0.0005 inches

Pilot Length:

0.0590 mils and 0.0650 centimeters

Shoulder Length:

0.0590 mils and 0.0650 centimeters

Mounting Surface To Terminal End Distance:

1.6400 inches

Shaft Maximum Runout:

0.0010 inches

Mounting Facility Screw Thread Series Designator:

Unc

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

173.00

Plus J Zso Reactance In Ohms:

41.00

Plus J Zrs Reactance In Ohms:

15.70

Shaft Type:

Round single shaft

Alignment Hole Depth:

0.1250 inches

Mounting Facility Screw Thread Diameter:

0.112 inches

Transformation Ratio:

0.454 rotor to stator

Alignment Hole Bolt Circle Diameter:

Between 0.8090 inches and 0.8150 inches

Mounting Thread Tolerance Class:

2b internal

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

8 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A07800