

View Online at <https://aerobasegroup.com/nsn/5990-01-089-2652>

Body Material:

Any acceptable

Body Style:

Standard round a

Pilot Diameter:

Between 0.6240 inches and 0.6250 inches

Overall Length:

2.0550 inches

Flange Diameter:

0.9800 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

Between 0.9999 inches and 1.0000 inches

Undercut Width:

0.0450 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:

57.5

Frequency In Hertz:

1600.0

Zro Resistance In Ohms:

561.00

Zso Resistance In Ohms:

148.00

Zrs Resistance In Ohms:

142.00

Zss Resistance In Ohms:

38.00

Rotor Dc Resistance In Ohms:

Between 58.00 and 88.00

Stator Dc Resistance In Ohms:

Between 13.00 and 19.00

Transformation Ratio Equality In Percent:

0.5

Shaft Radial Play Test Point:

0.120 inches

Shaft Maximum Radial Play:

0.0008 inches

Shaft End Play:

Between 0.0003 inches and 0.0015 inches

Pilot Length:

Between 0.0590 inches and 0.0650 inches

Mounting Surface To Terminal End Distance:

1.6000 inches

Plus J Zro Reactance In Ohms:

2487.00

Shaft Slot Depth:

0.0222 inches single shaft and 0.0320 inches single shaft

Plus J Zso Reactance In Ohms:

644.00

Shaft Slot Width:

0.0222 inches single shaft and 0.0320 inches single shaft

Plus J Zrs Reactance In Ohms:

228.00

Shaft Type:

Round, slotted single shaft

Plus J Zss Reactance In Ohms:

59.00

Transformation Ratio:

0.448 rotor to stator

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:

No

Fig:

A07800