

View Online at <https://aerobasegroup.com/nsn/5990-01-351-3746>

Body Material:

Aluminum

Body Style:

Standard round d

Shoulder Diameter:

Between 0.8118 inches and 0.8123 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Second Shoulder Diameter:

Between 0.9360 inches and 0.9370 inches

Second Shoulder Length:

0.0630 inches

Overall Length:

1.7710 inches

Flange Diameter:

Between 0.8350 inches and 0.8450 inches

Flange Thickness:

Between 0.0570 inches and 0.0670 inches

Body Diameter:

0.9290 mils and 0.9390 centimeters

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.4270 inches single shaft and 0.4470 inches single shaft

Body Size:

10

Stator Input Voltage Rating In Volts:

26.0

Stator Input Current Rating:

32.0 milliamperes

Stator Input Electrical Power Rating:

220.0 milliwatts

Rotor Input Voltage Rating In Volts:

11.8

Frequency In Hertz:

400.0

Rotor Input Current Rating:

82.0 milliamperes

Rotor Input Electrical Power Rating:

230.0 allqjaa3.500 finished-chamfered

Zro Resistance In Ohms:

34.00

Zso Resistance In Ohms:

212.00

Zss Resistance In Ohms:

44.00

Rotor Dc Resistance In Ohms:

32.00

Stator Dc Resistance In Ohms:

166.00

Phase Shift Angle In Deg:

11.600 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

0.03 output

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Shaft Maximum Radial Play:

0.0005 inches

Shaft End Play:

Between 0.0003 inches and 0.0008 inches

Pilot Length:

0.0330 mils and 0.0430 centimeters

Shoulder Length:

0.0570 mils and 0.0670 centimeters

Aft Of First Flange Diameter:

Between 0.9320 inches and 0.9420 inches

Mounting Surface To Terminal End Distance:

1.2810 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

119.00

Plus J Zso Reactance In Ohms:

783.00

Shaft Type:

Round single shaft

Plus J Zss Reactance In Ohms:

14.00

Transformation Ratio:

0.407 rotor to stator

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

7 wire lead

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A07800