

View Online at <https://aerobasegroup.com/nsn/5990-01-015-7502>

Body Material:

Steel, stainless

Body Style:

Standard round b

Shoulder Diameter:

Between 1.1315 inches and 1.3120 inches

Pilot Diameter:

Between 0.8745 inches and 0.8750 inches

Overall Length:

Between 2.4400 inches and 2.4600 inches

Flange Diameter:

Between 1.4340 inches and 1.4370 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Width:

0.0780 inches

Shaft Diameter:

0.1870 inches single shaft and 0.1872 inches single shaft

Shaft Length:

0.5300 inches single shaft and 0.5500 inches single shaft

Securing Hole Quantity:

3

Body Size:

15

Stator Input Voltage Rating In Volts:

5.0

Stator Input Current Rating:

6.2 milliamperes

Stator Input Electrical Power Rating:

30.0 milliwatts

Frequency In Hertz:

Between 29.7 and 30.3

Zro Resistance In Ohms:

1250.00

Zso Resistance In Ohms:

670.00

Zrs Resistance In Ohms:

1900.00

Zss Resistance In Ohms:

930.00

Rotor Dc Resistance In Ohms:

Between 1116.00 and 1364.00

Stator Dc Resistance In Ohms:

Between 576.00 and 704.00

Phase Shift Angle In Deg:

50.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

40.00

Interaxis Error Angular Range In Minutes:

-15.0/+15.0

Spline Tooth Quantity:

21 single shaft

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0004 inches

Shaft End Play:

0.0015 inches

Pilot Length:

Between 0.0370 inches and 0.0430 inches

Shoulder Length:

Between 0.1290 inches and 0.1350 inches

Mounting Surface To Terminal End Distance:

Between 1.7750 inches and 1.7810 inches

Spline Tooth Diametral Pitch:

120 single shaft

Shaft Maximum Runout:

0.0008 inches

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a single shaft

Mounting Facility Screw Thread Series Designator:

Unc

Terminal Location:

Rear

Shaft Thread Length:

0.2100 inches single shaft

Plus J Zro Reactance In Ohms:

1350.00

Plus J Zso Reactance In Ohms:

650.00

Plus J Zrs Reactance In Ohms:

700.00

Shaft Type:

Spline w/threads single shaft

Mounting Facility Screw Thread Diameter:

0.120 inches

Plus J Zss Reactance In Ohms:

300.00

Transformation Ratio:

Between 0.960 stator to rotor and 1.040 stator to rotor

Shaft Thread Size:

0.184 inches single shaft

Shaft Radial Play Determining Weight:

8.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

8 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800