

View Online at <https://aerobasegroup.com/nsn/5990-00-020-9689>

Body Material:

Aluminum

Body Style:

Standard round b

Shoulder Diameter:

1.0000 inches

Pilot Diameter:

0.6250 inches

Overall Length:

2.3320 inches

Flange Diameter:

1.0620 inches

Flange Thickness:

0.0690 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1872 inches single shaft

Shaft Length:

0.6040 inches single shaft

Body Size:

11

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

138.0 milliamperes

Stator Input Electrical Power Rating:

290.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

600.00

Zso Resistance In Ohms:

15.00

Zrs Resistance In Ohms:

570.00

Rotor Dc Resistance In Ohms:

340.00

Stator Dc Resistance In Ohms:

8.50

Phase Shift Angle In Deg:

5.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

70.00

Electrical Error Angular Range In Minutes:

-3.0/+3.0

Spline Tooth Quantity:

21 single shaft

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

6.0 centimeter-grams

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.7130 inches

Spline Tooth Diametral Pitch:

120 single shaft

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a single shaft

Terminal Location:

Rear

Shaft Thread Length:

0.3020 inches single shaft

Plus J Zro Reactance In Ohms:

2730.00

Plus J Zso Reactance In Ohms:

72.00

Plus J Zrs Reactance In Ohms:

260.00

Shaft Type:

Spline w/threads single shaft

Transformation Ratio:

0.585 rotor to stator

Shaft Thread Size:

0.190 inches single shaft

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800