

View Online at <https://aerobasegroup.com/nsn/5990-00-782-0112>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

Between 0.8118 inches and 0.8123 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.5110 inches

Flange Diameter:

Between 0.9360 inches and 0.9370 inches

Flange Thickness:

0.0630 inches

Undercut Diameter:

0.8400 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0940 inches single shaft

Shaft Length:

0.2300 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

10

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

21.0 milliamperes

Stator Input Electrical Power Rating:

50.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

800.00

Zso Resistance In Ohms:

115.00

Zrs Resistance In Ohms:

890.00

Rotor Dc Resistance In Ohms:

560.00

Stator Dc Resistance In Ohms:

560.00

Phase Shift Angle In Deg:

9.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

0.03

Electrical Error Angular Range In Minutes:

-12.0/+12.0

Actuator Friction Torque At Minus 55 Deg Celsius:

9.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Alignment Hole Quantity:

3

Pilot Length:

0.0380 inches

Shoulder Length:

0.0620 inches

Gear Outside Diameter:

Between 1.7073 inches and 1.7083 inches

Gear Thickness:

0.1250 inches

Mounting Surface To Terminal End Distance:

1.2810 inches

Shaft Hole Diameter:

0.0600 inches single shaft

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

2900.00

Plus J Zso Reactance In Ohms:

470.00

Shaft Tapered End Minor Diameter:

0.0775 inches single shaft

Plus J Zrs Reactance In Ohms:

350.00

Shaft Type:

Round, tapered, hollowed single shaft

Alignment Hole Depth:

0.0500 inches

Transformation Ratio:

2.302 rotor to stator

Shaft Taper Angle In Deg:

3.0 single shaft

Alignment Hole Bolt Circle Diameter:

0.6780 inches

Shaft Taper Length:

0.1250 inches single shaft

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fiig:

A07800