

View Online at <https://aerobasegroup.com/nsn/5990-00-538-3458>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

2.3210 inches

Flange Diameter:

Between 1.0570 inches and 1.0620 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.9620 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.5200 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

3.0 degrees celsius

Body Size:

11

Stator Input Voltage Rating In Volts:

3.2

Stator Input Current Rating:

590.0 milliamperes

Stator Input Electrical Power Rating:

680.0 milliwatts

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

90.0 milliamperes

Rotor Input Electrical Power Rating:

500.0 milliwatts

Zro Impedance Magnitude In Ohms:

292.00

Zro Impedance Angle In Deg:

79.00

Zso Impedance Magnitude In Ohms:

3.15

Zso Impedance Angle In Deg:

47.00

Zrs Impedance Magnitude In Ohms:

3.15

Zrs Impedance Angle In Deg:

47.00

Zss Impedance Magnitude In Ohms:

292.00

Zss Impedance Angle In Deg:

79.00

Rotor Dc Resistance In Ohms:

28.50

Stator Dc Resistance In Ohms:

1.13

Phase Shift Angle In Deg:

12.500 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

10.00

Electrical Error Angular Range In Minutes:

-20.0/+20.0

Actuator Friction Torque At Minus 55 Deg Celsius:

6.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.00 centimeter-grams

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.8110 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0300 inches single shaft

Shaft Slot Width:

0.0250 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

6.875 rotor to stator

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800