

View Online at <https://aerobasegroup.com/nsn/5990-00-021-5061>

Body Material:

Any acceptable

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

Between 1.5980 inches and 1.6280 inches

Flange Diameter:

Between 0.7470 inches and 0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.6910 inches

Undercut Width:

0.0570 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.3170 inches single shaft and 0.3470 inches single shaft

Maximum Temperature Rise:

6.0 degrees celsius

Body Size:

8

Stator Input Voltage Rating In Volts:

Between 11.7 and 11.9

Stator Input Current Rating:

43.0 milliamperes

Stator Input Electrical Power Rating:

120.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

Between 340.00 and 460.00

Zso Resistance In Ohms:

Between 51.00 and 69.00

Zrs Resistance In Ohms:

692.00

Rotor Dc Resistance In Ohms:

Between 328.50 and 401.50

Stator Dc Resistance In Ohms:

Between 57.60 and 70.40

Phase Shift Angle In Deg:

10.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

10.50

Electrical Error Angular Range In Minutes:

-5.0/+5.0

Actuator Friction Torque At Minus 55 Deg Celsius:

9.00 inch-ounces

Actuator Friction Torque At Plus 25 Deg Celsius:

3.00 inch-ounces

Pilot Length:

0.0400 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

Between 1207.00 and 1633.00

Shaft Slot Depth:

0.0250 inches single shaft

Plus J Zso Reactance In Ohms:

Between 216.00 and 292.00

Shaft Slot Width:

0.0200 inches single shaft

Plus J Zrs Reactance In Ohms:

Between 127.50 and 172.50

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

Between 127.500 rotor to stator and 172.500 rotor to stator

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800