

View Online at <https://aerobasegroup.com/nsn/5990-00-954-5059>

Body Material:

Steel, stainless

Body Style:

Standard round c

Shoulder Diameter:

Between 0.8118 inches and 0.8123 inches

Pilot Diameter:

0.5000 inches

Overall Length:

1.9130 inches

Flange Diameter:

Between 0.9350 inches and 0.9380 inches

Flange Thickness:

Between 0.0570 inches and 0.0670 inches

Undercut Diameter:

0.8400 inches

Undercut Width:

0.0570 inches

Shaft Diameter:

0.0898 inches both shafts

Shaft Length:

0.4130 inches front shaft

Body Size:

10

Stator Input Voltage Rating In Volts:

10.2

Stator Input Current Rating:

90.0 milliamperes

Stator Input Electrical Power Rating:

600.0 milliwatts

Rotor Input Voltage Rating In Volts:

10.2

Frequency In Hertz:

400.0

Rotor Input Current Rating:

90.0 milliamperes

Rotor Input Electrical Power Rating:

600.0 milliwatts

Zro Resistance In Ohms:

Between 56.00 and 84.00

Zso Resistance In Ohms:

Between 44.80 and 67.20

Rotor Dc Resistance In Ohms:

Between 72.90 and 89.10

Stator Dc Resistance In Ohms:

Between 39.60 and 48.40

Phase Shift Angle In Deg:

Between 18.000 input to output and 28.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

60.00

Electrical Error Angular Range In Minutes:

-18.0/+18.0

Actuator Friction Torque At Minus 55 Deg Celsius:

30.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

10.0 centimeter-grams

Pilot Length:

0.0380 inches

Shoulder Length:

Between 0.0570 inches and 0.0670 inches

Mounting Surface To Terminal End Distance:

1.2810 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

Between 111.35 and 150.65

Shaft Slot Depth:

0.0300 inches both shafts

Plus J Zso Reactance In Ohms:

Between 150.45 and 203.55

Shaft Slot Width:

0.0200 inches both shafts

Shaft Type:

Round single shaft

Transformation Ratio:

Between 0.965 rotor to stator and 1.015 rotor to stator

Terminal Type And Quantity:

7 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A07800