

View Online at <https://aerobasegroup.com/nsn/5990-00-903-8672>

Shoulder Diameter:

Between 1.0620 inches and 1.0630 inches

Pilot Diameter:

Between 0.6100 inches and 0.6300 inches

Second Shoulder Diameter:

Between 1.2400 inches and 1.2600 inches

Second Shoulder Length:

0.0625 inches

Overall Length:

3.9730 inches

Flange Thickness:

0.2500 inches

Shaft Diameter:

0.2032 inches single shaft and 0.2035 inches single shaft

Shaft Length:

0.6250 inches single shaft

Schematic Diagram Designator:

Err-090

Body Size:

23

Stator Input Voltage Rating In Volts:

90.0

Stator Input Current Rating:

24.0 milliamperes

Stator Input Electrical Power Rating:

580.0 milliwatts

Frequency In Hertz:

60.0

Zro Resistance In Ohms:

596.00

Zso Resistance In Ohms:

667.00

Zrs Resistance In Ohms:

850.00

Rotor Dc Resistance In Ohms:

435.00

Stator Dc Resistance In Ohms:

465.00

Phase Shift Angle In Deg:

14.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

60.00

Shaft End Play:

0.0150 inches

Shoulder Length:

Between 0.1480 inches and 0.1520 inches

Second Shoulder Face To Rear Flange Distance:

1.7000 inches

Shaft Maximum Runout:

0.0020 inches

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

3a

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

930.00

Shaft Slot Depth:

0.0450 inches single shaft and 0.0600 inches single shaft

Plus J Zso Reactance In Ohms:

2030.00

Shaft Slot Width:

0.0350 inches single shaft

Plus J Zrs Reactance In Ohms:

310.00

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

Between 0.720 rotor to stator and 0.750 rotor to stator

Shaft Thread Size:

0.1900 inches single shaft

Shaft End Play Determining Weight:

48.0 ounces

Terminal Type And Quantity:

5 screw

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A07800