

View Online at <https://aerobasegroup.com/nsn/5990-00-797-7649>

Body Style:

Standard round b

Shoulder Diameter:

Between 0.8118 inches and 0.8123 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.6690 inches

Flange Diameter:

Between 0.9360 inches and 0.9370 inches

Flange Thickness:

Between 0.0570 inches and 0.0670 inches

Undercut Width:

Between 0.0570 inches and 0.0670 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.3700 inches single shaft and 0.3800 inches single shaft

Body Size:

10

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

55.0 milliamperes

Rotor Input Electrical Power Rating:

60.0 milliwatts

Rotor Dc Resistance In Ohms:

200.00

Stator Dc Resistance In Ohms:

42.00

Phase Shift Angle In Deg:

Between 15.000 input to output and 19.000 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:

25.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

7.00 centimeter-grams

Shaft Maximum Radial Play:

0.0008 inches

Shaft End Play:

Between 0.0003 inches and 0.0015 inches

Pilot Length:

Between 0.0330 inches and 0.0430 inches

Shoulder Length:

Between 0.0570 inches and 0.0670 inches

Mounting Surface To Terminal End Distance:

Between 1.1110 inches and 1.1210 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0160 inches single shaft and 0.0310 inches single shaft

Shaft Slot Width:

0.0250 inches single shaft and 0.0270 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

Between 0.440 stator to rotor and 0.468 stator to rotor

Test Data Document:

56232-714056-2 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

Terminal Type And Quantity:

7 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800