

View Online at <https://aerobasegroup.com/nsn/5990-00-503-3264>

Body Material:

Aluminum

Body Style:

Standard round c

Shoulder Diameter:

Between 0.8118 inches and 0.8123 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.6540 inches

Flange Diameter:

Between 0.9360 inches and 0.9370 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

Between 0.8340 inches and 0.8370 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.4130 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

40.0 degrees celsius

Body Size:

10

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

220.0 milliamperes

Rotor Input Electrical Power Rating:

2.5 watts

Zro Resistance In Ohms:

36.20

Zso Resistance In Ohms:

9.60

Zrs Resistance In Ohms:

62.30

Zso-9 Designator Resistance In Ohms:

8.70

Rotor Dc Resistance In Ohms:

25.00

Stator Dc Resistance In Ohms:

10.50

Electrical Error Angular Range In Minutes:

-15.0/+15.0

Actuator Friction Torque At Minus 55 Deg Celsius:

15.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Torque Gradient Per Angular Deg:

2300.0 millimeter-milligrams

Pilot Length:

0.0380 inches

Shoulder Length:

0.0630 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

109.50

Shaft Slot Depth:

0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

24.20

Shaft Slot Width:

0.0250 inches single shaft

Plus J Zrs Reactance In Ohms:

25.20

Shaft Type:

Round, slotted single shaft

Plus J Zso-9 Designator Reactance In Ohms:

7.85

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800