

View Online at <https://aerobasegroup.com/nsn/5990-00-965-7085>

Body Material:

Aluminum alloy

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

Between 2.2410 inches and 2.2440 inches

Flange Diameter:

Between 1.0590 inches and 1.0650 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Diameter:

Between 0.9700 inches and 0.9800 inches

Undercut Width:

Between 0.0450 inches and 0.0550 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.5590 inches single shaft and 0.5650 inches single shaft

Fragility Factor:

Moderately rugged

Securing Hole Quantity:

4

Body Size:

10

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

73.00

Zso Resistance In Ohms:

16.60

Zrs Resistance In Ohms:

79.00

Rotor Dc Resistance In Ohms:

35.00

Stator Dc Resistance In Ohms:

12.10

Phase Shift Angle In Deg:

Between 4.500 input to output and 6.200 input to output

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Actuator Friction Torque At Minus 55 Deg Celsius:

9.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Pilot Length:

0.0590 mils and 0.0650 centimeters

Shoulder Length:

0.0590 mils and 0.0650 centimeters

Mounting Surface To Terminal End Distance:

1.6820 inches

Mounting Facility Screw Thread Series Designator:

Unc

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

420.00

Shaft Slot Depth:

0.0310 inches single shaft

Plus J Zso Reactance In Ohms:

76.00

Shaft Slot Width:

0.0310 inches single shaft

Plus J Zrs Reactance In Ohms:

57.00

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.0125 inches

Mounting Facility Screw Thread Diameter:

0.112 inches

Alignment Hole Bolt Circle Diameter:

Between 0.8090 inches and 0.8190 inches

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800