

View Online at <https://aerobasegroup.com/nsn/5990-01-184-6830>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round d

Shoulder Diameter:

Between 0.8116 inches and 0.8123 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Second Shoulder Diameter:

Between 0.8350 inches and 0.8450 inches

Second Shoulder Length:

0.0630 mils and 0.0700 centimeters

Overall Length:

1.7490 inches

Flange Diameter:

Between 0.9360 inches and 0.9370 inches

Flange Thickness:

Between 0.0570 inches and 0.0670 inches

Body Diameter:

0.9290 mils and 0.9390 centimeters

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.5000 inches single shaft

Body Size:

10

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

40.0 milliamperes

Rotor Input Electrical Power Rating:

1090.0 allqjaa3.500 finished-chamfered

Zro Resistance In Ohms:

680.00

Zso Resistance In Ohms:

24.00

Rotor Dc Resistance In Ohms:

520.00

Stator Dc Resistance In Ohms:

20.00

Phase Shift Angle In Deg:

11.000 input to output

Maximum Linear Range In Deg:

-33.0/+33.0

Linearity In Percent:

0.50

Output Voltage Change Per Deg In Volts:

0.4

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Shaft Maximum Radial Play:

0.0005 inches

Shaft End Play:

Between 0.0003 inches and 0.0008 inches

Pilot Length:

0.0330 mils and 0.0430 centimeters

Shoulder Length:

0.0570 mils and 0.0670 centimeters

Aft Of First Flange Diameter:

Between 0.9320 inches and 0.9420 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

280.00

Shaft Slot Depth:

0.0250 inches single shaft and 0.0350 inches single shaft

Plus J Zso Reactance In Ohms:

28.00

Shaft Slot Width:

0.0150 inches single shaft and 0.0250 inches single shaft

Shaft Type:

Round, slotted single shaft

Terminal Type And Quantity:

4 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800