

View Online at <https://aerobasegroup.com/nsn/5990-00-683-1088>

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:

1.8790 inches

Flange Diameter:

Between 0.9360 inches and 0.9370 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

Between 0.8350 inches and 0.8400 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0850 inches both shafts and 0.0900 inches both shafts

Shaft Length:

0.2880 inches front shaft

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:

185.0 milliamperes

Rotor Input Electrical Power Rating:

1.7 watts

Zro Resistance In Ohms:

35.00

Zso Resistance In Ohms:

10.30

Zrs Resistance In Ohms:

66.00

Zso-9 Designator Resistance In Ohms:

9.10

Rotor Dc Resistance In Ohms:

26.00

Stator Dc Resistance In Ohms:

10.90

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:

4.0 centimeter-grams

Torque Gradient Per Angular Deg:

2250.0 millimeter-milligrams

Alignment Hole Quantity:

3

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:

145.00

Shaft Slot Depth:

0.0300 inches both shafts

Plus J Zso Reactance In Ohms:

31.00

Shaft Slot Width:

0.0200 inches both shafts

Plus J Zrs Reactance In Ohms:

27.50

Shaft Type:

Round, slotted both shafts

Alignment Hole Depth:

0.0630 inches

Alignment Hole Bolt Circle Diameter:

0.6780 inches

Plus J Zso-9 Designator Reactance In Ohms:

10.70

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A07800