

View Online at <https://aerobasegroup.com/nsn/5990-00-993-1780>

Body Material:

Any acceptable

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:

Between 1.6370 inches and 1.6750 inches

Flange Diameter:

Between 0.9360 inches and 0.9370 inches

Flange Thickness:

Between 0.0590 inches and 0.0650 inches

Undercut Diameter:

0.8370 inches

Undercut Width:

Between 0.0590 inches and 0.0650 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.3960 inches single shaft and 0.4340 inches single shaft

Body Size:

10

Stator Input Voltage Rating In Volts:

Between 11.7 and 11.9

Stator Input Current Rating:

96.0 milliamperes

Stator Input Electrical Power Rating:

252.0 milliwatts

Frequency In Hertz:

Between 396.0 and 404.0

Zro Resistance In Ohms:

38.00

Zso Resistance In Ohms:

28.00

Zrs Resistance In Ohms:

47.00

Rotor Dc Resistance In Ohms:

Between 30.60 and 41.40

Stator Dc Resistance In Ohms:

Between 20.40 and 27.60

Phase Shift Angle In Deg:

Between 7.200 input to output and 10.800 input to output

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Actuator Friction Torque At Minus 55 Deg Celsius:

15.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Pilot Length:

Between 0.0370 inches and 0.0430 inches

Shoulder Length:

0.0630 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

122.00

Plus J Zso Reactance In Ohms:

114.00

Plus J Zrs Reactance In Ohms:

13.00

Shaft Type:

Round single shaft

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800