

View Online at <https://aerobasegroup.com/nsn/5990-00-173-1432>

Body Material:

Steel, stainless

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 1.9650 inches and 1.9800 inches

Flange Diameter:

Between 1.0590 inches and 1.0650 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

Between 0.0470 inches and 0.0530 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.3600 inches single shaft and 0.3900 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

11

Stator Input Voltage Rating In Volts:

12.0

Stator Input Current Rating:

17.0 milliamperes

Stator Input Electrical Power Rating:

47.0 milliwatts

Frequency In Hertz:

250.0

Zro Resistance In Ohms:

2430.00

Zso Resistance In Ohms:

263.00

Zrs Resistance In Ohms:

2930.00

Rotor Dc Resistance In Ohms:

850.00

Stator Dc Resistance In Ohms:

204.00

Transformation Ratio Equality In Percent:

0.4

Phase Shift Angle In Deg:

21.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Interaxis Error Angular Range In Minutes:

-10.0/+10.0

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 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:

1.5900 inches

Terminal Location:

Side

Plus J Zro Reactance In Ohms:

3400.00

Plus J Zso Reactance In Ohms:

855.00

Plus J Zrs Reactance In Ohms:

1453.00

Shaft Type:

Round single shaft

Transformation Ratio:

1.666 rotor to stator

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800