

View Online at <https://aerobasegroup.com/nsn/5990-00-359-9813>

Body Material:

Any acceptable

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.9380 inches

Flange Diameter:

Between 0.7490 inches and 0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

Between 0.6880 inches and 0.6910 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.3320 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

8

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

100.0 milliamperes

Rotor Input Electrical Power Rating:

540.0 milliwatts

Zro Resistance In Ohms:

Between 45.90 and 62.10

Zso Resistance In Ohms:

Between 10.20 and 13.80

Zrs Resistance In Ohms:

Between 66.80 and 93.20

Rotor Dc Resistance In Ohms:

Between 33.30 and 40.70

Stator Dc Resistance In Ohms:

Between 10.80 and 13.20

Phase Shift Angle In Deg:

8.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 output

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

6.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Torque Gradient Per Angular Deg:

2200.0 millimeter-milligrams

Pilot Length:

0.0430 inches

Mounting Surface To Terminal End Distance:

1.3680 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

Between 234.00 and 286.00

Shaft Slot Depth:

0.0200 inches single shaft and 0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

540.50

Shaft Slot Width:

0.0150 inches single shaft and 0.0250 inches single shaft

Plus J Zrs Reactance In Ohms:

Between 17.80 and 22.20

Shaft Type:

Round, slotted single shaft

Terminal Type And Quantity:

5 turret

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fig:

A07800