

View Online at <https://aerobasegroup.com/nsn/5990-00-583-9759>

Body Material:

Aluminum alloy

Body Style:

Standard round b

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

2.1500 inches

Flange Diameter:

Between 1.0570 inches and 1.0650 inches

Flange Thickness:

0.0930 inches

Undercut Width:

0.5000 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.3750 inches single shaft

Maximum Temperature Rise:

3.0 degrees celsius

Body Size:

11

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

180.0 milliamperes

Stator Input Electrical Power Rating:

800.0 milliwatts

Frequency In Hertz:

400.0

Zro Impedance Magnitude In Ohms:

73.30

Zro Impedance Angle In Deg:

70.00

Zso Impedance Magnitude In Ohms:

37.70

Zso Impedance Angle In Deg:

75.50

Rotor Dc Resistance In Ohms:

15.00

Stator Dc Resistance In Ohms:

4.00

Phase Shift Angle In Deg:

5.200 input to output

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

8.00 centimeter-grams

Alignment Hole Quantity:

4

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

Between 1.7120 inches and 1.7130 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0300 inches single shaft

Shaft Slot Width:

0.0250 inches single shaft

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.1120 inches

Transformation Ratio:

0.925 rotor to stator

Alignment Hole Bolt Circle Diameter:

0.8120 inches

Terminal Type And Quantity:

6 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A07800