

View Online at <https://aerobasegroup.com/nsn/5990-00-678-6006>

Body Material:

Steel, stainless

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

2.1550 inches

Flange Diameter:

Between 1.0600 inches and 1.0630 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.9620 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.4680 inches single shaft

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

205.0 milliamperes

Rotor Input Electrical Power Rating:

1.6 watts

Zro Resistance In Ohms:

40.00

Zso Resistance In Ohms:

4.80

Rotor Dc Resistance In Ohms:

Between 14.90 and 18.10

Stator Dc Resistance In Ohms:

Between 4.30 and 5.10

Phase Shift Angle In Deg:

6.500 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-25.0/+25.0

Actuator Friction Torque At Minus 55 Deg Celsius:

10000.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3000.00 centimeter-grams

Alignment Hole Quantity:

3

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.6870 inches

Shaft Hole Diameter:

0.0730 inches single shaft

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

120.00

Plus J Zso Reactance In Ohms:

25.00

Shaft Tapered End Minor Diameter:

0.1002 inches single shaft

Shaft Type:

Round single shaft

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

0.454 rotor to stator

Shaft Taper Angle In Deg:

3.0 single shaft

Alignment Hole Bolt Circle Diameter:

0.6950 inches

Shaft Taper Length:

0.1480 inches single shaft

Special Features:

Shaft end tap no. 1-72 nf-3b, 0.1720 in. Nom deep

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800