

View Online at <https://aerobasegroup.com/nsn/5990-00-054-0512>

Body Material:

Steel, stainless

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

Between 1.6000 inches and 1.6400 inches

Flange Diameter:

Between 0.5000 inches and 0.7490 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.6910 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.3550 inches single shaft and 0.3950 inches single shaft

Maximum Temperature Rise:

6.0 degrees celsius

Body Size:

8

Rotor Input Voltage Rating In Volts:

26.00

Frequency In Hertz:

400.0

Rotor Input Current Rating:

15.0 milliamperes

Rotor Input Electrical Power Rating:

110.0 milliwatts

Zro Resistance In Ohms:

916.00

Zso Resistance In Ohms:

206.00

Zrs Resistance In Ohms:

1210.00

Rotor Dc Resistance In Ohms:

725.00

Stator Dc Resistance In Ohms:

160.00

Transformation Ratio Equality In Percent:

3.5

Phase Shift Angle In Deg:

17.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

60.00

Output Voltage Functional Error Range In Percent:

-7.0 to 10.0

Actuator Friction Torque At Minus 55 Deg Celsius:

9.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.00 centimeter-grams

Pilot Length:

0.0430 inches

Mounting Surface To Terminal End Distance:

Between 1.2405 inches and 1.2410 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

2430.00

Shaft Slot Depth:

0.0320 inches single shaft

Plus J Zso Reactance In Ohms:

737.00

Shaft Slot Width:

0.0320 inches single shaft

Plus J Zrs Reactance In Ohms:

258.00

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

0.478 rotor to stator

Terminal Type And Quantity:

7 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800