

View Online at <https://aerobasegroup.com/nsn/5990-00-165-9195>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.9930 inches

Flange Diameter:

Between 0.7470 inches and 0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

Between 0.6890 inches and 0.6920 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.6100 inches single shaft and 0.6400 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

8

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

29.0 milliamperes

Rotor Input Electrical Power Rating:

850.0 milliwatts

Zro Resistance In Ohms:

Between 807.00 and 1093.00

Zso Resistance In Ohms:

Between 9.50 and 11.50

Zrs Resistance In Ohms:

Between 1317.50 and 1782.50

Rotor Dc Resistance In Ohms:

Between 630.00 and 770.00

Stator Dc Resistance In Ohms:

Between 8.36 and 11.44

Maximum Total Null Voltage Output In Millivolts Per Volt:

75.00

Electrical Error Angular Range In Minutes:

-7.0 to 7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.00 centimeter-grams

Torque Gradient Per Angular Deg:

2400.0 millimeter-milligrams

Pilot Length:

Between 0.0370 inches and 0.0480 inches

Mounting Surface To Terminal End Distance:

1.3680 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

3657.00 and 4043.00

Shaft Slot Depth:

0.0030 inches single shaft

Plus J Zso Reactance In Ohms:

30.60 and 41.40

Shaft Slot Width:

0.0200 inches single shaft

Plus J Zrs Reactance In Ohms:

Between 356.00 and 484.00

Shaft Type:

Round, slotted single shaft

Terminal Type And Quantity:

5 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800