

View Online at <https://aerobasegroup.com/nsn/5990-01-084-8330>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round d

Shoulder Diameter:

Between 2.6950 inches and 2.7000 inches

Pilot Diameter:

0.2970 inches

Second Shoulder Diameter:

Between 2.7490 inches and 2.7500 inches

Second Shoulder Length:

0.3750 inches

Overall Length:

5.3550 inches

Flange Diameter:

Between 3.0990 inches and 3.1000 inches

Flange Thickness:

0.2500 inches

Body Diameter:

2.7000 inches

Shaft Diameter:

0.2403 inches single shaft and 0.2405 inches single shaft

Shaft Length:

0.6900 inches single shaft and 0.7100 inches single shaft

Maximum Temperature Rise:

18.0 degrees celsius

Body Size:

31

Stator Input Voltage Rating In Volts:

90.0

Stator Input Current Rating:

725.0 milliamperes

Stator Input Electrical Power Rating:

7.7 watts

Frequency In Hertz:

60.0

Zrs Resistance In Ohms:

44.00

Zrs Impedance Angle In Deg:

27.00

Rotor Dc Resistance In Ohms:

24.00

Stator Dc Resistance In Ohms:

19.00

Phase Shift Angle In Deg:

6.500 input to output

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Spline Tooth Quantity:

22 single shaft

Actuator Friction Torque At Plus 25 Deg Celsius:

0.50 inch-ounces

Torque Gradient Per Angular Deg:

0.300 inch-ounces

Pilot Length:

0.0300 inches

Shoulder Length:

0.6150 inches

Aft Of First Flange Diameter:

Between 2.7490 inches and 2.7500 inches

Mounting Surface To Terminal End Distance:

4.4063 inches

Spline Tooth Diametral Pitch:

96 single shaft

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a

Terminal Location:

Rear

Shaft Thread Length:

0.3640 inches single shaft

Shaft Type:

Spline w/threads single shaft

Transformation Ratio:

1.154 rotor to stator

Shaft Thread Size:

0.250 inches single shaft

Terminal Type And Quantity:

6 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800