

View Online at <https://aerobasegroup.com/nsn/5990-00-477-1361>

Body Material:

Steel, corrosion resisting

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:

2.1600 inches

Flange Diameter:

Between 1.0610 inches and 1.0620 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0810 inches

Shaft Diameter:

0.1242 inches single shaft and 0.1247 inches single shaft

Shaft Length:

0.5600 inches single shaft

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

90.0 milliamperes

Rotor Input Electrical Power Rating:

280.0 milliwatts

Zro Resistance In Ohms:

35.00

Zso Resistance In Ohms:

8.10

Zrs Resistance In Ohms:

49.50

Rotor Dc Resistance In Ohms:

18.00

Stator Dc Resistance In Ohms:

7.50

Phase Shift Angle In Deg:

3.800 input to output

Electrical Error Angular Range In Minutes:

-15.0/+15.0

Spline Tooth Quantity:

13 single shaft

Receiver Error Angular Range In Minutes:

-30.0/+30.0

Actuator Friction Torque At Minus 55 Deg Celsius:

5400.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

2700.0 centimeter-grams

Torque Gradient Per Angular Deg:

2400.0 millimeter-milligrams

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.6000 inches

Spline Tooth Diametral Pitch:

120 single shaft

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a single shaft

Terminal Location:

Rear

Shaft Thread Length:

0.1870 inches single shaft

Plus J Zro Reactance In Ohms:

288.00

Plus J Zso Reactance In Ohms:

47.00

Plus J Zrs Reactance In Ohms:

24.00

Shaft Type:

Spline w/threads single shaft

Shaft Thread Size:

0.125 inches single shaft

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800