

View Online at <https://aerobasegroup.com/nsn/5990-00-729-9116>

Body Material:

Any acceptable

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

1.9750 inches

Flange Diameter:

Between 1.0610 inches and 1.0620 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1242 inches single shaft and 0.1247 inches single shaft

Shaft Length:

0.3650 inches single shaft and 0.3850 inches single shaft

Body Size:

15

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

25.0 milliamperes

Rotor Input Electrical Power Rating:

480.0 milliwatts

Zro Resistance In Ohms:

760.00

Zso Resistance In Ohms:

440.00

Zrs Resistance In Ohms:

880.00

Rotor Dc Resistance In Ohms:

430.00

Stator Dc Resistance In Ohms:

330.00

Maximum Fundamental Null Voltage In Millivolts Per Volt:

100.00 output

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Spline Tooth Quantity:

13 single shaft

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Pilot Length:

Between 0.0590 inches and 0.0650 inches

Shoulder Length:

Between 0.0590 inches and 0.0650 inches

Mounting Surface To Terminal End Distance:

1.6000 inches

Spline Tooth Diametral Pitch:

120 single shaft

Shaft Thread Series Designator:

Unc single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a single shaft

Terminal Location:

Rear

Shaft Thread Length:

0.2810 inches single shaft

Plus J Zro Reactance In Ohms:

4450.00

Plus J Zso Reactance In Ohms:

2370.00

Plus J Zrs Reactance In Ohms:

330.00

Shaft Type:

Spline single shaft

Shaft Thread Size:

0.190 inches single shaft

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800