

View Online at <https://aerobasegroup.com/nsn/5990-00-686-4902>

Body Material:

Steel, stainless

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:

2.2020 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:

0.1230 inches single shaft and 0.1240 inches single shaft

Shaft Length:

0.5620 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

110.0 milliamperes

Rotor Input Electrical Power Rating:

430.0 milliwatts

Zro Resistance In Ohms:

42.00

Zso Resistance In Ohms:

10.00

Zrs Resistance In Ohms:

50.00

Rotor Dc Resistance In Ohms:

20.00

Stator Dc Resistance In Ohms:

8.50

Phase Shift Angle In Deg:

3.800 input to output

Electrical Error Angular Range In Minutes:

-30.0/+30.0

Spline Tooth Quantity:

13 single shaft

Actuator Friction Torque At Minus 55 Deg Celsius:

3.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

0.3 centimeter-grams

Torque Gradient Per Angular Deg:

2100.0 millimeter-milligrams

Alignment Hole Quantity:

4

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.6400 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:

0.1730 inches single shaft

Plus J Zro Reactance In Ohms:

270.00

Plus J Zso Reactance In Ohms:

46.00

Plus J Zrs Reactance In Ohms:

21.00

Shaft Type:

Spline w/threads single shaft

Alignment Hole Depth:

0.0500 inches

Transformation Ratio:

0.454 rotor to stator

Alignment Hole Bolt Circle Diameter:

0.8120 inches

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

Fig:

A07800