

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

**Fiig:**

A07800