

View Online at <https://aerobasegroup.com/nsn/5990-00-943-0317>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.9410 inches

Flange Diameter:

0.7550 inches

Flange Thickness:

Between 0.0590 inches and 0.0650 inches

Undercut Diameter:

0.6910 inches

Undercut Width:

Between 0.0590 inches and 0.0650 inches

Shaft Diameter:

0.1245 inches single shaft and 0.1247 inches single shaft

Shaft Length:

0.6700 inches single shaft and 0.7000 inches single shaft

Schematic Diagram Designator:

Err-090

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

25.0 milliamperes

Frequency In Hertz:

400.0

Rotor Dc Resistance In Ohms:

135.00

Phase Shift Angle In Deg:

8.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-5.0/+5.0

Actuator Friction Torque At Minus 55 Deg Celsius:

6.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0008 inches

Shaft End Play:

Between 0.0005 inches and 0.0015 inches

Pilot Length:

Between 0.0380 inches and 0.0430 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Shaft Maximum Runout:

0.0008 inches

Terminal Location:

Side

Shaft Type:

Round single shaft

Transformation Ratio:

1.154 rotor to stator

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

6 wire lead

Specification Data:

89954-926c323 manufacturers source control

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800