

View Online at <https://aerobasegroup.com/nsn/5990-00-943-0316>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

Between 1.8300 inches and 1.8800 inches

Flange Diameter:

0.7500 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 front shaft and 0.1247 inches front shaft

Shaft Length:

0.4000 inches front shaft and 0.4300 inches front shaft

Schematic Diagram Designator:

Err-090

Body Size:

8

Frequency In Hertz:

400.0

Actuator Friction Torque At Minus 55 Deg Celsius:

6.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.00 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:

0.0380 mils and 0.0430 centimeters

Mounting Surface To Terminal End Distance:

1.2410 inches

Shaft Maximum Runout:

0.0008 inches

Terminal Location:

Side

Shaft Type:

Round both shafts

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Special Features:

Rear shaft dim. 0.2090 in. Maximum lg, 0.0933 in. Min, 0.0935 in. Maximum dia

Test Data Document:

89954-926c327 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800