

View Online at <https://aerobasegroup.com/nsn/5990-01-362-4011>

Body Material:

Aluminum

Body Style:

Standard round c

Shoulder Diameter:

Between 0.8118 inches and 0.8123 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.6540 inches

Flange Diameter:

Between 0.9360 inches and 0.9370 inches

Flange Thickness:

0.0380 inches

Undercut Diameter:

0.8400 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.3370 inches single shaft

Schematic Diagram Designator:

Err-090

Maximum Temperature Rise:

125.0 degrees celsius

Body Size:

10

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

0.234 amperes

Rotor Input Electrical Power Rating:

0.997 watts finished-chamfered

Zro Resistance In Ohms:

18.20

Zso Resistance In Ohms:

4.90

Zrs Resistance In Ohms:

32.40

Rotor Dc Resistance In Ohms:

11.50

Actuator Friction Torque At Minus 55 Deg Celsius:

5400.0 millimeter-milligrams

Actuator Friction Torque At Plus 25 Deg Celsius:

2700.0 millimeter-milligrams

Torque Gradient Per Angular Deg:

5000.0 millimeter-milligrams

Alignment Hole Quantity:

3

Shaft Maximum Radial Play:

0.0010 inches

Shaft End Play:

Between 0.0020 inches and 0.0050 inches

Pilot Length:

0.0380 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Shaft Maximum Runout:

0.0010 inches

Mounting Facility Screw Thread Series Designator:

Unc

Terminal Location:

Rear

Plus J Zso Reactance In Ohms:

19.40

Plus J Zrs Reactance In Ohms:

10.90

Shaft Type:

Round, flat, undercut single shaft

Mounting Facility Screw Thread Diameter:

0.073 inches

Transformation Ratio:

0.454 rotor to stator

Shaft Tip Length:

0.0200 inches single shaft

Shaft Flatted Portion Thickness:

0.0830 inches single shaft and 0.0870 inches single shaft

Shaft Flatted Portion Length:

0.1240 inches single shaft and 0.1260 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