

View Online at <https://aerobasegroup.com/nsn/5990-00-139-2838>

Body Material:

Steel, stainless

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.7680 inches

Flange Diameter:

Between 0.7470 inches and 0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

Between 0.6890 inches and 0.6920 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.4000 inches single shaft

Body Size:

8

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

1.0 milliamperes

Rotor Input Electrical Power Rating:

540.0 milliwatts

Zro Resistance In Ohms:

Between 39.00 and 53.00

Zso Resistance In Ohms:

Between 9.00 and 13.00

Zrs Resistance In Ohms:

Between 72.00 and 98.00

Rotor Dc Resistance In Ohms:

36.00

Stator Dc Resistance In Ohms:

13.00

Phase Shift Angle In Deg:

8.500 input to output

Electrical Error Angular Range In Minutes:

-30.0/+30.0

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:

2200.0 millimeter-milligrams

Pilot Length:

Between 0.0370 inches and 0.0430 inches

Mounting Surface To Terminal End Distance:

1.3680 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

270.00

Plus J Zso Reactance In Ohms:

38.00

Plus J Zrs Reactance In Ohms:

31.00

Shaft Type:

Round single shaft

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800