

View Online at <https://aerobasegroup.com/nsn/5990-00-158-5390>

Body Material:

Steel, stainless

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

Between 1.6010 inches and 1.6310 inches

Flange Diameter:

Between 0.7490 inches and 0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

Between 0.6880 inches and 0.6910 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.3600 inches single shaft and 0.3900 inches single shaft

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

Between 27.0 milliamperes and 33.0 milliamperes

Stator Input Electrical Power Rating:

Between 58.4 milliwatts and 87.6 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

Between 93.00 and 125.00

Zso Resistance In Ohms:

Between 68.00 and 94.00

Zrs Resistance In Ohms:

Between 102.00 and 138.00

Rotor Dc Resistance In Ohms:

Between 88.00 and 108.00

Stator Dc Resistance In Ohms:

Between 57.00 and 71.00

Phase Shift Angle In Deg:

8.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

20.00 output

Electrical Error Angular Range In Minutes:

-7.0 to 7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.00 centimeter-grams

Pilot Length:

0.0430 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

Between 325.00 and 399.00

Shaft Slot Depth:

0.0200 inches single shaft and 0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

Between 297.00 and 363.00

Shaft Slot Width:

0.0150 inches single shaft and 0.0250 inches single shaft

Plus J Zrs Reactance In Ohms:

Between 29.75 and 40.25

Shaft Type:

Round, slotted single shaft

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800