

View Online at <https://aerobasegroup.com/nsn/5990-00-725-6186>

Body Material:

Steel, stainless

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

Between 2.7610 inches and 2.7850 inches

Flange Diameter:

0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.6870 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.4610 inches single shaft and 0.4850 inches single shaft

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

31.0 milliamperes

Stator Input Electrical Power Rating:

600.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

640.00

Zso Resistance In Ohms:

93.00

Rotor Dc Resistance In Ohms:

550.00

Stator Dc Resistance In Ohms:

100.00

Phase Shift Angle In Deg:

13.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

20.00 output

Electrical Error Angular Range In Minutes:

-5.0/+5.0

Actuator Friction Torque At Minus 55 Deg Celsius:

0.40 inch-ounces

Actuator Friction Torque At Plus 25 Deg Celsius:

0.18 inch-ounces

Pilot Length:

0.0430 inches

Mounting Surface To Terminal End Distance:

2.1050 inches

Terminal Location:

Rear and side

Plus J Zro Reactance In Ohms:

1980.00

Shaft Slot Depth:

0.0250 inches single shaft

Plus J Zso Reactance In Ohms:

349.00

Shaft Slot Width:

0.0200 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

2.203 rotor to stator

Terminal Type And Quantity:

5 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800