

View Online at <https://aerobasegroup.com/nsn/5990-00-435-5218>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round a

Pilot Diameter:

0.5000 inches

Overall Length:

2.0480 inches

Flange Diameter:

0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.6910 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1200 inches single shaft

Shaft Length:

0.4310 inches single shaft

Schematic Diagram Designator:

1 rotor, 2 stator

Fragility Factor:

Moderately rugged

Body Size:

8

Stator Input Voltage Rating In Volts:

26.0

Stator Input Current Rating:

50.0 milliamperes

Stator Input Electrical Power Rating:

350.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

143.00

Zss Resistance In Ohms:

209.00

Rotor Dc Resistance In Ohms:

109.00

Stator Dc Resistance In Ohms:

145.00

Phase Shift Angle In Deg:

13.000 input to output

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Actuator Friction Torque At Minus 55 Deg Celsius:

15.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Shaft Radial Play Test Point:

0.250 inches

Shaft Maximum Radial Play:

0.0008 inches

Shaft End Play:

0.0003 inches

Terminal Designator And Schematic Position:

Connection r1 position a and connection r2 position b and connection r3 position c and connection s1 position h and connection s2 position e and connection s3 position j and connection s4 position f

Pilot Length:

0.0400 inches

Mounting Surface To Terminal End Distance:

1.3720 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

510.00

Shaft Slot Depth:

0.0300 inches single shaft

Shaft Slot Width:

0.0250 inches single shaft

Shaft Type:

Round, slotted single shaft

Plus J Zss Reactance In Ohms:

80.00

Transformation Ratio:

1.000 stator to rotor

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

7 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800