

View Online at <https://aerobasegroup.com/nsn/5990-00-127-6749>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round b

Shoulder Diameter:

1.3120 inches

Pilot Diameter:

0.8500 inches

Overall Length:

2.7110 inches

Flange Diameter:

1.4370 inches

Flange Thickness:

0.0930 inches

Undercut Width:

0.0780 inches

Shaft Diameter:

0.1872 inches single shaft

Shaft Length:

0.5000 inches single shaft

Schematic Diagram Designator:

2 rotor, 1 stator, 1 compensator

Fragility Factor:

Moderately rugged

Body Size:

15

Stator Input Voltage Rating In Volts:

30.0

Stator Input Current Rating:

135.0 milliamperes

Stator Input Electrical Power Rating:

700.0 milliwatts

Frequency In Hertz:

1000.0

Zro Impedance Magnitude In Ohms:

200.00

Zro Impedance Angle In Deg:

81.00

Rotor Dc Resistance In Ohms:

12.00

Stator Dc Resistance In Ohms:

16.00

Compensation Method:

Winding compensated

Compensator Dc Resistance In Ohms:

32.00

Phase Shift Angle In Deg:

4.200 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

20.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Interaxis Error Angular Range In Minutes:

-5.0/+5.0

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Spline Tooth Quantity:

21 single shaft

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Alignment Hole Quantity:

4

Shaft Maximum Radial Play:

0.0008 inches

Shaft End Play:

Between 0.0005 inches and 0.0015 inches

Terminal Designator And Schematic Position:

Connection r1 position c and connection r2 position j and connection r3 position d and connection r4 position g and connection s1 position a and connection s3 position b and connection c1 position k and connection c2 position l

Pilot Length:

0.0400 inches

Shoulder Length:

0.1320 inches

Mounting Surface To Terminal End Distance:

2.0510 inches

Spline Tooth Diametral Pitch:

175 single shaft

Shaft Maximum Runout:

0.0010 inches

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a single shaft

Terminal Location:

Rear

Shaft Thread Length:

0.2000 inches single shaft

Shaft Type:

Spline w/threads single shaft

Alignment Hole Depth:

0.1870 inches

Transformation Ratio:

1.000 rotor to stator

Alignment Hole Bolt Circle Diameter:

1.1000 inches

Shaft Thread Size:

0.185 inches single shaft

Terminal Type And Quantity:

12 screw

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fig:

A07800