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**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:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800