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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

**Fig:**

A07800