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**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round, rotatable housing

**Shoulder Diameter:**

Between 1.9900 inches and 1.9930 inches

**Overall Length:**

4.9010 inches

**Flange Diameter:**

Between 2.2495 inches and 2.2500 inches

**Flange Thickness:**

Between 0.2470 inches and 0.2530 inches

**Body Diameter:**

1.9060 inches

**Shaft Diameter:**

0.2470 inches single shaft

**Shaft Length:**

0.7190 inches single shaft

**Schematic Diagram Designator:**

2 rotor, 2 stator

**Body Size:**

23

**Stator Input Voltage Rating In Volts:**

20.0

**Rotor Input Voltage Rating In Volts:**

20.0

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

110.00

**Zso Resistance In Ohms:**

22.00

**Zrs Resistance In Ohms:**

123.00

**Rotor Dc Resistance In Ohms:**

120.00

**Stator Dc Resistance In Ohms:**

130.00

**Phase Shift Angle In Deg:**

Between 0.800 input to output and 1.600 input to output

**Maximum Fundamental Null Voltage In Millivolts Per Volt:**

30.00 input

**Maximum Total Null Voltage Output In Millivolts Per Volt:**

70.00

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

**Spline Tooth Quantity:**

106 single shaft

**Actuator Friction Torque At Minus 55 Deg Celsius:**

5.00 inch-ounces

**Actuator Friction Torque At Plus 25 Deg Celsius:**

1.00 inch-ounces

**Shoulder Length:**

0.4100 inches

**Mounting Surface To Terminal End Distance:**

3.4630 inches

**Spline Tooth Diametral Pitch:**

48 single shaft

**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:**

0.3250 inches single shaft

**Plus J Zro Reactance In Ohms:**

520.00

**Plus J Zso Reactance In Ohms:**

123.00

**Plus J Zrs Reactance In Ohms:**

53.00

**Shaft Type:**

Spline w/threads single shaft

**Transformation Ratio:**

1.000 rotor to stator

**Shaft Thread Size:**

0.190 inches single shaft

**Test Data Document:**

03538-7753719+1 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**Terminal Type And Quantity:**

8 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800