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**Body Style:**

Standard round, rotatable housing

**Shoulder Diameter:**

Between 2.6999 inches and 2.7000 inches

**Overall Length:**

4.6550 inches

**Flange Diameter:**

Between 3.0990 inches and 3.1000 inches

**Flange Thickness:**

Between 0.2450 inches and 2.2550 inches

**Body Diameter:**

Between 2.7490 inches and 2.7500 inches

**Shaft Diameter:**

0.2405 inches single shaft

**Shaft Length:**

0.7200 inches single shaft and 0.7400 inches single shaft

**Schematic Diagram Designator:**

1 y-rotor, 1 y-stator

**Body Size:**

28

**Stator Input Voltage Rating In Volts:**

90.0

**Stator Input Current Rating:**

748.0 milliamperes

**Stator Input Electrical Power Rating:**

7.7 watts

**Frequency In Hertz:**

60.0

**Zrs Resistance In Ohms:**

44.00

**Rotor Dc Resistance In Ohms:**

24.00

**Stator Dc Resistance In Ohms:**

19.00

**Phase Shift Angle In Deg:**

6.500 input to output

**Spline Tooth Quantity:**

22 single shaft

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

0.50 inch-ounces

**Torque Gradient Per Angular Deg:**

0.300 inch-ounces

**Shaft Maximum Radial Play:**

0.0008 inches

**Shaft End Play:**

Between 0.0010 inches and 0.0050 inches

**Shoulder Length:**

Between 1.0150 inches and 1.0250 inches

**Mounting Surface To Terminal End Distance:**

3.3850 inches

**Spline Tooth Diametral Pitch:**

96 single shaft

**Terminal Location:**

Rear

**Shaft Thread Length:**

0.6900 inches single shaft and 0.7100 inches single shaft

**Shaft Type:**

Spline single shaft

**Transformation Ratio:**

1.154 rotor to stator

**Terminal Type And Quantity:**

6 screw

**Specification Or Standard:**

31tdx68 type

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800