

View Online at <https://aerobasegroup.com/nsn/5990-00-738-1928>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round b

**Shoulder Diameter:**

Between 1.3070 inches and 1.3170 inches

**Pilot Diameter:**

Between 0.8700 inches and 0.8800 inches

**Overall Length:**

4.1450 inches

**Flange Diameter:**

Between 1.4340 inches and 1.4400 inches

**Flange Thickness:**

Between 0.0900 inches and 0.0960 inches

**Undercut Width:**

Between 0.0730 inches and 0.0830 inches

**Shaft Diameter:**

0.2495 inches single shaft and 0.2505 inches single shaft

**Shaft Length:**

0.5300 inches single shaft and 0.5500 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

15

**Stator Input Voltage Rating In Volts:**

90.0

**Stator Input Current Rating:**

24.0 milliamperes

**Stator Input Electrical Power Rating:**

600.0 milliwatts

**Frequency In Hertz:**

400.0

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

40.00 output

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

60.00

**Electrical Error Angular Range In Minutes:**

-6.0/+6.0

**Spline Tooth Quantity:**

21 single shaft

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

0.05 inch-ounces

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

0.01 inch-ounces

**Alignment Hole Quantity:**

4

**Shaft Radial Play Test Point:**

0.125 inches

**Shaft Maximum Radial Play:**

0.0020 inches

**Shaft End Play:**

0.0040 inches

**Pilot Length:**

Between 0.0370 inches and 0.0430 inches

**Shoulder Length:**

Between 0.1290 inches and 0.1350 inches

**Mounting Surface To Terminal End Distance:**

3.1910 inches

**Spline Tooth Diametral Pitch:**

120 single shaft

**Shaft Thread Series Designator:**

Unf single shaft

**Shaft Thread Direction:**

Right-hand single shaft

**Shaft Thread Class:**

2a

**Terminal Location:**

Rear

**Shaft Thread Length:**

0.3590 inches single shaft and 0.3910 inches single shaft

**Shaft Type:**

Spline w/threads single shaft

**Alignment Hole Depth:**

0.1250 inches

**Transformation Ratio:**

0.735 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

Between 1.0970 inches and 1.1030 inches

**Shaft Thread Size:**

0.190 inches single shaft

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

16.0 ounces

**Special Features:**

With gear

**Terminal Type And Quantity:**

4 tab w/screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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