## NSN 5990-00-477-1361

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View Online at https://aerobasegroup.com/nsn/5990-00-477-1361

| Body Material:  |
|---|
| Steel, corrosion resisting                                |
| Body Style:   |
| Standard round c  |
| Shoulder Diameter:  |
| Between 0.9995 inches and 1.0000 inches                   |
| Pilot Diameter:   |
| Between 0.4995 inches and 0.5000 inches                   |
| Overall Length:   |
| 2.1600 inches   |
| Flange Diameter:  |
| Between 1.0610 inches and 1.0620 inches                   |
| Flange Thickness:   |
| 0.0620 inches   |
| Undercut Diameter:  |
| 0.9750 inches   |
| Undercut Width:   |
| 0.0810 inches   |
| Shaft Diameter:   |
| 0.1242 inches single shaft and 0.1247 inches single shaft |
| Shaft Length:   |
| 0.5600 inches single shaft                                |
| Body Size:  |
| 11  |
| Rotor Input Voltage Rating In Volts:                      |
| 26.0  |
| Frequency In Hertz:                                       |
| 400.0   |
| Rotor Input Current Rating:                               |
| 90.0 milliamperes   |
| Rotor Input Electrical Power Rating:                      |
| 280.0 milliwatts  |
| Zro Resistance In Ohms:                                   |
| 35.00   |
| Zso Resistance In Ohms:                                   |
| 8.10  |
| Zrs Resistance In Ohms:                                   |
| 49.50   |
| Rotor Dc Resistance In Ohms:                              |
| 18.00   |

7.50

**Stator Dc Resistance In Ohms:** 

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## Phase Shift Angle In Deg: 3.800 input to output **Electrical Error Angular Range In Minutes:** -15.0/+15.0 **Spline Tooth Quantity:** 13 single shaft **Receiver Error Angular Range In Minutes:** -30.0/+30.0 **Actuator Friction Torque At Minus 55 Deg Celsius:** 5400.0 centimeter-grams **Actuator Friction Torque At Plus 25 Deg Celsius:** 2700.0 centimeter-grams **Torque Gradient Per Angular Deg:** 2400.0 millimeter-milligrams Pilot Length: 0.0620 inches **Shoulder Length:** 0.0620 inches **Mounting Surface To Terminal End Distance:** 1.6000 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 single shaft **Terminal Location:** Rear **Shaft Thread Length:** 0.1870 inches single shaft Plus J Zro Reactance In Ohms: 288.00 Plus J Zso Reactance In Ohms: 47.00 Plus J Zrs Reactance In Ohms: 24.00 **Shaft Type:**

**Terminal Type And Quantity:** 5 wire lead

Spline w/threads single shaft

**Shaft Thread Size:** 

0.125 inches single shaft

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|   |   |    |   |    |    |

N/a

**Unit Of Measure:** 

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Demilitarization:

No

Fiig:

A07800