

View Online at <https://aerobasegroup.com/nsn/5905-01-316-0913>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 1.8745 inches and 1.8750 inches

**Pilot Length:**

Between 0.0570 inches and 0.0670 inches

**Undercut Diameter:**

1.812 inches

**Undercut Width:**

0.0730 inches

**Body Diameter:**

1.985 mils and 2.015 centimeters

**Angle Of Mounting Hole In Deg:**

90.0

**Angle Between Centerlines Of Mounting Holes In Deg:**

120.0

**Shaft Diameter:**

Between 0.2494 inches and 0.2497 inches

**Shaft Length:**

Between 0.594 inches and 0.656 inches

**Body Length:**

Between 0.821 inches and 0.841 inches

**Mounting Lip Diameter:**

Between 1.9950 inches and 2.0050 inches

**Mounting Lip Depth:**

0.0880 mils and 0.0980 centimeters

**Mounting Hole/stud Circle Diameter:**

Between 1.245 inches and 1.255 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

**Effective Electrical Rotation In Deg Angular Rotation:**

360.0

**Maximum Starting Torque:**

1.00 inch-ounces

**Maximum Running Torque:**

0.50 inch-ounces

**Shaft End Play:**

0.005 inches

**Shaft Runout:**

0.002 inches

**Lateral Runout:**

0.003 inches

**Pilot Diameter Runout:**

0.002 inches

**Shaft Radial Play:**

0.002 inches

**Fragility Factor:**

Moderately rugged

**End Application:**

An/mst-t1v

**Screw Thread Diameter:**

0.164 inches

**Screw Thread Series Designator:**

Unc

**Screw Thread Qty Per Inch (tpi):**

32.0

**Mounting Facility Quantity:**

3

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring and threaded hole

**Features Provided:**

Humidity proof

**Cubic Measure:**

2.805 cubic inches

**Electrical Resistance Per Section:**

1.03 percent, rated amperes c and better flooring

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-0.25/+0.25 single section

**Ambient Temperature In Deg Celsius Per Section At Zero Percent Rated Power:**

125.0 single section

**Power Dissipation Rating Per Section In Watts:**

4.0 7th secondary quality

**Function Conformity Per Section:**

Single section independent linearity

**Resistance Tolerance Per Section In Percent:**

-3.0/+3.0 single section

**Actuator Travel Control Feature:**

Brake

**Function Characteristic Per Section:**

7 oclock single primary

**Temperature Coefficient Of Resistance Wire Per Section In Ppm Per Deg Celsius:**

-20.0/+20.0 single section

**Ambient Temperature In Deg Celsius Per Section At Full Rated Power:**

70.0 single section

**Terminal Type And Quantity:**

3 turret

**Specification Data:**

32255-41642 manufacturers specification control

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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