

View Online at <https://aerobasegroup.com/nsn/5905-00-132-0141>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.4052 inches and 0.4062 inches

Pilot Length:

Between 0.0500 inches and 0.0700 inches

Undercut Diameter:

1.812 inches

Undercut Width:

0.0500 inches

Body Diameter:

Between 1.796 inches and 1.828 inches

Shaft Diameter:

Between 0.2494 inches and 0.2497 inches

Shaft Length:

Between 0.781 inches and 0.843 inches

Body Length:

Between 1.719 inches and 1.781 inches

Mounting Lip Diameter:

0.4050 inches

Mounting Lip Depth:

0.0500 inches

Shaft Style:

Round, slotted

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 3600.0 and 3604.0

Maximum Starting Torque:

2.00 inch-ounces

Maximum Running Torque:

2.00 inch-ounces

Maximum Stop Torque:

550.00 inch-ounces

Nonturn Device Location:

At 6 oclock

Nonturn Device Radius:

Between 0.546 inches and 0.578 inches

Shaft End Play:

0.005 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.005 inches

Pilot Diameter Runout:

0.002 inches

Shaft Radial Play:

0.0025 inches

Screw Thread Diameter:

0.375 inches

Screw Thread Series Designator:

Unef

Screw Thready Qty Per Inch (tpi):

32.0

Terminal Location:

Upper adjacent side single row

Mounting Method:

Standard bushing

Electrical Resistance Per Section:

100.0 ohms single section

Rotary Actuator Travel In Angular Deg:

Between 3600.0 and 3604.0

Function Conformity Tolerance Per Section:

-0.15/+0.15 single section

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

105.0 single section

Power Dissipation Rating Per Section In Watts:

5.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-3.0/+3.0 single section

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

Single section linear

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:

40.0 single section

Terminal Type And Quantity:

3 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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