

View Online at <https://aerobasegroup.com/nsn/5905-00-831-2948>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Pilot Diameter:

Between 1.87400 inches and 1.87500 inches

Pilot Length:

0.06200 inches

Overall Length:

Between 2.161 inches and 2.257 inches

Undercut Diameter:

1.875 inches

Undercut Width:

0.07300 inches

Body Diameter:

2.000 inches

Shaft Diameter:

Between 0.249 inches and 0.250 inches

Shaft Length:

Between 0.532 inches and 0.594 inches

Body Length:

Between 1.567 inches and 1.597 inches

Overall Diameter:

2.500 inches

Mounting Lip Diameter:

2.00000 inches

Mounting Lip Depth:

0.09300 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

356.0 and 356.0

Maximum Starting Torque:

1.30 inch-ounces

Maximum Running Torque:

0.80 inch-ounces

Shaft End Play:

0.00250 inches

Shaft Runout:

0.001 inches

Shaft Radial Play:

0.003 inches

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

5.000 percent, rated amperes c and better finish

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.50/+0.50 single section

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

85.0 single section

Power Dissipation Rating Per Section In Watts:

3.5 free air single section

Function Conformity Per Section:

Single section independent linearity

Fixed Tap Quantity Per Section:

1 2nd section

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 all sections

Actuator Travel Control Feature:

Continuous motion

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:

8 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A002a0