

View Online at <https://aerobasegroup.com/nsn/5905-00-546-1354>

Section Quantity:

6

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

1.8740 inches

Pilot Length:

0.0670 inches

Undercut Diameter:

Between 1.874 inches and 1.875 inches

Undercut Width:

0.0620 inches

Body Diameter:

Between 1.984 inches and 2.016 inches

Angle Of Mounting Hole In Deg:

20.0

Angle Between Centerlines Of Mounting Holes In Deg:

120.0

Shaft Diameter:

0.250 inches

Shaft Length:

Between 0.605 inches and 0.656 inches

Body Length:

Between 4.026 inches and 4.106 inches

Mounting Lip Diameter:

1.9840 inches

Mounting Lip Depth:

0.0620 inches

Mounting Hole/stud Circle Diameter:

Between 1.245 inches and 1.255 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Dual concentric

Effective Electrical Rotation In Deg Angular Rotation:

357.0

Maximum Starting Torque:

7.00 inch-ounces

Maximum Running Torque:

3.00 inch-ounces

Shaft End Play:

0.00500 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.00150 inches

Shaft Radial Play:

0.002 inches

Screw Thread Diameter:

0.164 inches

Screw Thread Series Designator:

Unc

Screw Thready Qty Per Inch (tpi):

32.0

Mounting Facility Quantity:

3

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Threaded hole

Electrical Resistance Per Section:

50.000 percent, rated amperes c finish

Rotary Actuator Travel In Angular Deg:

360.0

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

120.0 all sections

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

-40.0/+40.0 6th section

Power Dissipation Rating Per Section In Watts:

2.0 free air all sections

Fixed Tap Quantity Per Section:

1 all sections

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 4th section

Actuator Travel Control Feature:

Continuous motion

Tap Location From Ccw Terminal Per Section In Ohms:

3450.0 all sections

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

70.0 all sections

Terminal Type And Quantity:

18 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A002a0