

View Online at <https://aerobasegroup.com/nsn/5905-00-556-3516>

Section Quantity:

1

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

First Flat Length:

0.375 inches

Flat Height:

0.215 inches

Body Diameter:

2.000 inches

Shaft Diameter:

Between 0.2494 inches and 0.2497 inches

Shaft Length:

1.188 inches

Body Length:

4.234 inches

Shaft Style:

Round, flatted

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

9000.0

Maximum Starting Torque:

3.50 inch-ounces

Maximum Running Torque:

2.50 inch-ounces

Shaft End Play:

0.00700 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.00200 inches

Shaft Radial Play:

0.0027 inches

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:

Longitudinally positioned on the circumference

Mounting Method:

Threaded hole

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

10.000 kilohms single section

Rotary Actuator Travel In Angular Deg:

9000.0

Function Conformity Tolerance Per Section:

-0.05/+0.05 single section

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

85.0 single section

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

-20.0/+20.0 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:

-5.0/+5.0 single section

Actuator Travel Control Feature:

Clutch

Function Characteristic Per Section:

Single section linear

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

40.0 single section

Special Features:

Holes equally spaced on 0.625 in. Mtg radius

Terminal Type And Quantity:

3 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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