

View Online at <https://aerobasegroup.com/nsn/5905-00-783-7493>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.3116 inches and 1.3120 inches

Pilot Length:

Between 0.1290 inches and 0.1350 inches

Overall Length:

2.806 inches

Undercut Diameter:

Between 1.31160 inches and 1.31200 inches

Undercut Width:

Between 0.0730 inches and 0.0880 inches

Body Diameter:

Between 1.436 inches and 1.437 inches

Angle Of Mounting Hole In Deg:

90.0

Angle Between Centerlines Of Mounting Holes In Deg:

120.0

Shaft Diameter:

0.188 inches

Shaft Length:

0.688 inches

Body Length:

2.250 inches

Mounting Lip Diameter:

Between 1.4340 inches and 1.4370 inches

Mounting Lip Depth:

Between 0.0890 inches and 0.0950 inches

Mounting Hole/stud Circle Diameter:

0.975 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 1080.0 and 1082.0

Maximum Starting Torque:

0.65 inch-ounces

Maximum Running Torque:

0.50 inch-ounces

Shaft End Play:

0.00500 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.00150 inches

Shaft Radial Play:

0.002 inches

Terminal Location:

All adjacent sides from adjacent control

Mounting Method:

Flange

Electrical Resistance Per Section:

5.000 kilohms all sections

Rotary Actuator Travel In Angular Deg:

1260.0

Function Conformity Tolerance Per Section:

-0.20/+0.20 single section

Power Dissipation Rating Per Section In Watts:

105.0 free air all sections

Function Conformity Per Section:

All sections absolute linearity

Resistance Tolerance Per Section In Percent:

-3.0/+3.0 all sections

Actuator Travel Control Feature:

Clutch

Function Characteristic Per Section:

All sections linear

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

-130.0/+130.0 all sections

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

80.0 all sections

Terminal Type And Quantity:

6 tab w/screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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