

View Online at <https://aerobasegroup.com/nsn/5990-00-160-1072>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.7460 inches

Flange Diameter:

Between 0.7490 inches and 0.7500 inches

Flange Thickness:

Between 0.0570 inches and 0.0670 inches

Undercut Diameter:

Between 0.6880 inches and 0.6910 inches

Undercut Width:

Between 0.0570 inches and 0.0670 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.4570 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

87.0 milliamperes

Stator Input Electrical Power Rating:

210.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

210.00

Zso Resistance In Ohms:

28.00

Zrs Resistance In Ohms:

250.00

Rotor Dc Resistance In Ohms:

143.00

Stator Dc Resistance In Ohms:

24.00

Phase Shift Angle In Deg:

9.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Pilot Length:

Between 0.0380 inches and 0.0480 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

690.00

Plus J Zso Reactance In Ohms:

114.00

Plus J Zrs Reactance In Ohms:

73.00

Shaft Type:

Round single shaft

Transformation Ratio:

2.303 rotor to stator

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800