

View Online at <https://aerobasegroup.com/nsn/5990-00-655-2695>

Body Material:

Steel, stainless

Body Style:

Standard round d

Shoulder Diameter:

Between 1.9850 inches and 1.9900 inches

Pilot Diameter:

0.5950 inches

Second Shoulder Diameter:

1.9990 inches

Second Shoulder Length:

0.1700 inches

Overall Length:

4.5490 inches

Flange Diameter:

Between 2.2490 inches and 2.2500 inches

Flange Thickness:

0.2500 inches

Body Diameter:

1.9900 inches

Shaft Diameter:

0.2405 inches single shaft

Shaft Length:

0.7190 inches single shaft

Maximum Temperature Rise:

45.0 degrees celsius

Body Size:

23

Stator Input Voltage Rating In Volts:

90.0

Stator Input Current Rating:

270.0 milliamperes

Stator Input Electrical Power Rating:

3.3 watts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

27.80

Zso Resistance In Ohms:

28.80

Zrs Resistance In Ohms:

26.80

Rotor Dc Resistance In Ohms:

11.30

Stator Dc Resistance In Ohms:

14.50

Maximum Fundamental Null Voltage In Millivolts Per Volt:

50.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

100.00

Electrical Error Angular Range In Minutes:

-8.0/+8.0

Actuator Friction Torque At Plus 25 Deg Celsius:

0.20 inch-ounces

Pilot Length:

0.0430 inches

Shoulder Length:

0.2500 inches

Aft Of First Flange Diameter:

Between 1.9990 inches and 1.9995 inches

Mounting Surface To Terminal End Distance:

3.8300 inches

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a

Terminal Location:

Rear

Shaft Thread Length:

0.2900 inches single shaft

Plus J Zro Reactance In Ohms:

222.00

Plus J Zso Reactance In Ohms:

195.00

Plus J Zrs Reactance In Ohms:

21.00

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

1.154 rotor to stator

Shaft Thread Size:

0.240 inches single shaft

Terminal Type And Quantity:

7 screw

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A07800