

View Online at <https://aerobasegroup.com/nsn/5990-00-501-2017>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round b

Shoulder Diameter:

1.6250 inches

Pilot Diameter:

0.9375 inches

Overall Length:

4.4300 inches

Flange Diameter:

1.7500 inches

Flange Thickness:

0.0930 inches

Undercut Width:

0.0780 inches

Shaft Diameter:

0.2401 inches single shaft and 0.2405 inches single shaft

Shaft Length:

0.6760 inches single shaft

Body Size:

18

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

60.0

Rotor Input Current Rating:

420.0 milliamperes

Rotor Input Electrical Power Rating:

6.5 watts

Spline Tooth Quantity:

22 single shaft

Torque Gradient Per Angular Deg:

0.330 inch-ounces

Alignment Hole Quantity:

4

Pilot Length:

0.0400 inches

Shoulder Length:

0.0930 inches

Mounting Surface To Terminal End Distance:

3.9300 inches

Spline Tooth Diametral Pitch:

96 single shaft

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a single shaft

Terminal Location:

Rear

Shaft Thread Length:

0.2670 inches single shaft

Shaft Type:

Spline w/threads single shaft

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

0.783 rotor to stator

Alignment Hole Bolt Circle Diameter:

1.2500 inches

Shaft Thread Size:

0.250 inches single shaft

Terminal Type And Quantity:

5 screw

Specification Or Standard:

31tx6 type

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800