## NSN 6105-00-177-4631

Alternating Current Motor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/6105-00-177-4631

Overall Height:
10.620 inches
Overall Length:
12.431 inches
Overall Width:
8.690 inches
Spline Quantity:
12 identical ends
Shaft Diameter:
0.650 inches identical ends
Shaft Rotation Direction:
Clockwise identical ends or counterclockwise identical ends
Duty Cycle:
Continuous
Inclosure Feature:
Dripproof-15 deg
Winding Type:
Induction-squirrel cage
Spline Length:
1.000 inches second end
Mounting Mothod
Mounting Method:
Flange
Flange
Flange  Mounting Facility Type And Quantity:
Flange  Mounting Facility Type And Quantity: 4 threaded hole
Flange  Mounting Facility Type And Quantity: 4 threaded hole  Cooling Method:
Flange  Mounting Facility Type And Quantity: 4 threaded hole  Cooling Method: Self-ventilated
Flange  Mounting Facility Type And Quantity: 4 threaded hole  Cooling Method: Self-ventilated Inclosure Specificationification:
Flange  Mounting Facility Type And Quantity: 4 threaded hole  Cooling Method: Self-ventilated Inclosure Specificationification: Mil-std-108
Flange  Mounting Facility Type And Quantity: 4 threaded hole  Cooling Method: Self-ventilated Inclosure Specificationification: Mil-std-108  Features Provided:
Flange  Mounting Facility Type And Quantity: 4 threaded hole  Cooling Method: Self-ventilated Inclosure Specificationification: Mil-std-108  Features Provided: Horizontal mounting position and vertical mounting position
Flange  Mounting Facility Type And Quantity: 4 threaded hole  Cooling Method: Self-ventilated Inclosure Specificationification: Mil-std-108  Features Provided: Horizontal mounting position and vertical mounting position Length Of Shaft From Housing:
Flange  Mounting Facility Type And Quantity:  4 threaded hole  Cooling Method: Self-ventilated Inclosure Specificationification: Mil-std-108  Features Provided: Horizontal mounting position and vertical mounting position  Length Of Shaft From Housing:  0.677 inches first end
Flange  Mounting Facility Type And Quantity:  4 threaded hole  Cooling Method: Self-ventilated Inclosure Specificationification: Mil-std-108  Features Provided: Horizontal mounting position and vertical mounting position Length Of Shaft From Housing:  0.677 inches first end  Tempurature Rating:
Flange  Mounting Facility Type And Quantity:  4 threaded hole  Cooling Method: Self-ventilated Inclosure Specificationification: Mil-std-108  Features Provided: Horizontal mounting position and vertical mounting position  Length Of Shaft From Housing:  0.677 inches first end  Tempurature Rating: -54.0 operating degrees celsius and 75.0 operating degrees celsius
Flange  Mounting Facility Type And Quantity: 4 threaded hole  Cooling Method: Self-ventilated Inclosure Specificationification: Mil-std-108  Features Provided: Horizontal mounting position and vertical mounting position  Length Of Shaft From Housing: 0.677 inches first end  Tempurature Rating: -54.0 operating degrees celsius and 75.0 operating degrees celsius  Mounting Facility Circle Diameter:
Flange  Mounting Facility Type And Quantity:  4 threaded hole  Cooling Method: Self-ventilated Inclosure Specificationification: Mil-std-108  Features Provided: Horizontal mounting position and vertical mounting position  Length Of Shaft From Housing: 0.677 inches first end  Tempurature Rating: -54.0 operating degrees celsius and 75.0 operating degrees celsius  Mounting Facility Circle Diameter:  10.500 inches
Flange  Mounting Facility Type And Quantity: 4 threaded hole  Cooling Method: Self-ventilated Inclosure Specificationification: Mil-std-108  Features Provided: Horizontal mounting position and vertical mounting position  Length Of Shaft From Housing: 0.677 inches first end  Tempurature Rating: -54.0 operating degrees celsius and 75.0 operating degrees celsius  Mounting Facility Circle Diameter: 10.500 inches  Rotor Speed Rating In Rpm:
Mounting Facility Type And Quantity: 4 threaded hole Cooling Method: Self-ventilated Inclosure Specificationification: Mil-std-108 Features Provided: Horizontal mounting position and vertical mounting position Length Of Shaft From Housing: 0.677 inches first end Tempurature Rating: -54.0 operating degrees celsius and 75.0 operating degrees celsius Mounting Facility Circle Diameter: 10.500 inches Rotor Speed Rating In Rpm: 3250.0 single full load

Shaft End Characteristic

A14 single style identical ends

## NSN 6105-00-177-4631

Alternating Current Motor - Page 2 of 2



Phase:
Three input
Frequency In Hertz:
400.0 input
Terminal Type And Quantity:
1 connector, plug
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A271a0

Mil-std (military Standard):

Mil-std-108 spec.