Alternating Current Motor - Page 1 of 2

AeroBase Group

View Online at https://aerobasegroup.com/nsn/6105-01-245-8203

Overall Height:
12.500 inches
Overall Length:
24.560 inches
Overall Width:
17.250 inches
Keyway Width:
0.375 inches single end
Keyway Depth:
0.156 inches single end
Shaft Diameter:
1.625 inches single end
Keyway Length:
2.000 inches single end
Shaft Rotation Direction:
Clockwise single end or counterclockwise single end
Duty Cycle:
Continuous
Inclosure Feature:
Totally enclosed
Winding Type:
Induction-squirrel cage
Mounting Method:
Fixed base
Mounting Facility Type And Quantity:
4 unthreaded hole
Cooling Method:
Fan cooled
Inclosure Specificationification:
Nema
Features Provided:
Horizontal mounting position
Frame Size Designation:
256tn
Power Rating:
15.000 horsepower output
Length Of Shaft From Housing:
4.000 inches single end
Shaft Center To Mounting Surface Distance:
8.000 inches single end
Center To Center Distance Between Mounting Facilities Parallel To Length:
10.000 inches

NSN 6105-01-245-8203 Alternating Current Motor - Page 2 of 2



Tempurature Rating:
50.0 operating degrees celsius
Rotor Speed Rating In Rpm:
1755.0 single full load
Center To Center Distance Between Mounting Facilities Parallel To Width:
10.000 inches
Connection Type And Voltage Rating In Volts:
440.0 line to line single input
Shaft End Characteristic:
A9 single style single end
Phase:
Three input
Frequency In Hertz:
60.0 input
Terminal Type And Quantity:
6 solderless lug and 6 wire lead
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A271a0