

View Online at <https://aerobasegroup.com/nsn/6105-01-159-9508>

**Overall Height:**

18.000 inches

**Overall Length:**

25.938 inches

**Overall Width:**

20.340 inches

**Keyway Width:**

0.3750 inches single end

**Keyway Depth:**

0.3750 inches single end

**Shaft Diameter:**

1.6250 inches single end

**Keyway Length:**

2.5000 inches single end

**End Application:**

Steering gear motor onboard 180 ft coast guard vessels

**Shaft Rotation Direction:**

Clockwise single end

**Duty Cycle:**

Continuous

**Inclosure Feature:**

Splash proof

**Winding Type:**

Induction-squirrel cage

**Mounting Method:**

Fixed base

**Mounting Facility Type And Quantity:**

4 unthreaded hole

**Cooling Method:**

Ambient air

**Keyway Center To Shaft End Distance:**

1.500 inches single end

**Current Rating Method:**

Load

**Inclosure Specification:**

Nema

**Features Provided:**

Horizontal mounting position

**Frame Size Designation:**

W326

**Power Rating:**

7.500 horsepower output

**Length Of Shaft From Housing:**

3.375 inches single end

**Shaft Center To Mounting Surface Distance:**

8.000 inches single end

**Center To Center Distance Between Mounting Facilities Parallel To Length:**

12.000 inches

**Temperature Rating:**

50.0 operating degrees celsius

**Rotor Speed Rating In Rpm:**

870.0 single no load

**Center To Center Distance Between Mounting Facilities Parallel To Width:**

12.500 inches

**Current Rating In Amps:**

28.200 single input

**Connection Type And Voltage Rating In Volts:**

208.0 line to neutral single input

**Shaft End Characteristic:**

A10 single style single end

**Phase:**

Three input

**Special Features:**

3/8-16 inch tapped hole 5/8 inch deep centrally located in end of shaft

**Frequency In Hertz:**

60.0 input

**Terminal Type And Quantity:**

3 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A271a0