

View Online at <https://aerobasegroup.com/nsn/3950-01-463-5229>

**Prime Mover Quantity:**

1

**Current Type:**

Ac

**Environmental Protection:**

Any acceptable

**End Application:**

Winch; w/s nimitz class cvn

**Prime Mover Type:**

Electric motor

**Inclosure Type:**

Partially enclosed

**Duty Cycle:**

Intermittent

**Operation Method:**

Powered

**Drum Flange To Flange Distance And Location:**

12.000 inches first drum

**Drum Diameter And Location:**

9.000 inches first drum

**Drum Flange Diameter And Location:**

14.000 inches first drum

**Power Requirement Rating:**

5.00 horsepower

**Drum Surface Design:**

Grooved

**Cooling Method:**

Any acceptable

**Voltage In Volts:**

460.0

**Phase:**

Three

**Special Features:**

Worm/spur gear drive; 460-3-60 cycle input voltage; 3 hp tefc brake motor with ieee 45 marine duty rating; brake is dust tight water proof; electra gear reducer; total reduction ratio w/spur gear 228.50; load rating 3, 500 lbs 1st layer, 3000 mid drum, 2600 lbs full drum; line speed 19 fpm 1st layer, 22 fpm mid drum, 25 fpm full drum; groove for .5 in diameter cable develops approx 1.75 grooves per in of drum; one revolution of drum wraps approx 2.4 ft of cable; roller exerts pressure on cable as it winds on/off drum aids in keeping cable from jumping grooves with no load on cable; roller receives force from gas springs

**Frequency In Hertz:**

60.0

**Supplementary Features:**

Magnetic reversing starter mounted and wired to winch; starter includes contacts for forward/reversing motor, thermal overloads w/ adjustable setting fm 4.00-6.00 amps, control power transformer to reduce 460 v primary to 120v at op station; electronic overload sensor included which cuts current to motor when current exceeds preset max; switch is current activated, adjustable, resetting by reversing direction of op; sensor active in forward only; will not sense reduced current; starter does not include plugs to power source; op station is

**Demilitarization:**

No

**Fig:**

A02800