

View Online at <https://aerobasegroup.com/nsn/6105-01-575-8705>

**Thread Class:**

2b identical ends

**Thread Direction:**

Right-hand identical ends

**Overall Height:**

4.900 inches

**Overall Length:**

7.250 inches

**Overall Width:**

2.500 inches

**Thread Length:**

0.344 inches identical ends

**Shaft Diameter:**

0.745 inches identical ends

**End Application:**

Aircraft applications

**Shaft Rotation Direction:**

Clockwise identical ends

**Duty Cycle:**

Intermittent

**Winding Type:**

Series wound

**Mounting Method:**

Fixed base

**Mounting Facility Type And Quantity:**

4 threaded hole

**Current Rating Method:**

Load

**Features Provided:**

Thermal protective device

**Power Rating:**

0.250 horsepower output

**Thread Size:**

0.625 inches identical ends

**Length Of Shaft From Housing:**

0.409 inches identical ends

**Shaft Center To Mounting Surface Distance:**

2.938 inches identical ends

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

1.500 inches

**Mounting Facility Circle Diameter:**

3.000 inches

**Rotor Speed Rating In Rpm:**

6400.0 load second multiple

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

1.505 inches

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

2.938 inches

**Current Rating In Amps:**

9.500 single output

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

28.0 line to line single input

**Shaft End Characteristic:**

A2 single style identical ends

**Product Name:**

Dc motor

**Special Features:**

Per rntero approved pma list; faa-pma for type of aircraft; includes closures for square shaft drive; receptacles ms3103er12sa10p and ms3103-12-10p

**Thread Series Designator:**

Unf identical ends

**Terminal Type And Quantity:**

2 receptacle

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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