NSN 6105-00-538-8253

Direct Current Motor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/6105-00-538-8253

| Overall Height: |
|---|
| 1.250 inches |
| Overall Length: |
| 4.678 inches |
| Overall Width: |
| 1.250 inches |
| Shaft Diameter: |
| 0.3130 inches single end |
| Maximum Operating Altitude Rating: |
| 50000.0 feet |
| Shaft Rotation Direction: |
| Clockwise single end or counterclockwise single end |
| Duty Cycle: |
| Intermittent |
| Inclosure Feature: |
| Totally enclosed |
| Winding Type: |
| Permanent magnet |
| Mounting Method: |
| Flange |
| Mounting Facility Type And Quantity: |
| 4 threaded hole |
| Time Interval: |
| 2.0 minutes on and 2.0 minutes off |
| Cooling Method: |
| Nonventilated |
| Current Rating Method: |
| Load |
| Torque Rating And Type: |
| 1.5 inch-pounds running |
| Inclosure Specificationification: |
| Commercial |
| Features Provided: |
| Frame electrically grounded and horizontal mounting position and vertical mounting position |
| Length Of Shaft From Housing: |
| 0.500 inches single end |
| Tempurature Rating: |
| 85.0 operating degrees celsius |
| Rotor Speed Rating In Rpm: |
| 700.0 single full load |
| Current Rating In Amps: |
| 2.500 single input |

NSN 6105-00-538-8253

Direct Current Motor - Page 2 of 2



| Connection T | Type And | Voltage | Rating | ln | Volts: |
|--------------|----------|---------|--------|----|--------|
|--------------|----------|---------|--------|----|--------|

27.0 line to neutral single input

Shaft End Characteristic:

A1 single style single end

Terminal Type And Quantity:

2 solderless lug

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

No

Fiig:

A271a0