

Characteristics:

Compact size, Low noise, low cogging

Specifications:

|                             |                  |
|-----------------------------|------------------|
| Dimensions                  | : Ø 1.1 X 1.3 in |
| Shaft Diameter              | : Ø 0.091 in     |
| Input Voltage               | : 18.0 V DC      |
| No Load Speed               | : 9440 rpm       |
| Stall Torque                | : 0.39 lb.in     |
| Maximum Output Power        | : 0.01           |
| Maximum Efficiency          | : 54%            |
| Operating Temperature Range | : 14 to 122 °F   |
| Storage Temperature Range   | : -4 to 176 °F   |
| Electrical Connection       | : Terminal       |



Performance Data:

|                   | No Load | Stall | Maximum Efficiency | Maximum Power |
|-------------------|---------|-------|--------------------|---------------|
| Current (A)       | 0.17    | 2.85  | 0.70               | 1.51          |
| Efficiency (%)    | -       | -     | 54                 | 40            |
| Output Power (hp) | -       | -     | 0.01               | 0.01          |
| Speed (rpm)       | 9440    | -     | 7593               | 4720          |
| Torque (Lb.in)    | -       | 0.39  | 0.08               | 0.19          |

Application Examples:

Paper Lifts and Feeds

[illegible]

A graph showing the performance characteristics of a motor. The x-axis represents Torque (m-Nm) from 0 to 50. The left y-axis represents Speed (Rpm) from 0 to 10000. The right y-axis represents Efficiency (%) from 0 to 100, Current (Amp) from 0 to 5, and Power (Watt) from 0 to 20. The graph includes five curves: N (No-load speed, blue line), P (Power, green curve), Eff (Efficiency, red curve), I (Current, black curve), and a vertical line at 43 m-Nm representing the motor's maximum torque.

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