

**Characteristics:**

High Power DC motor

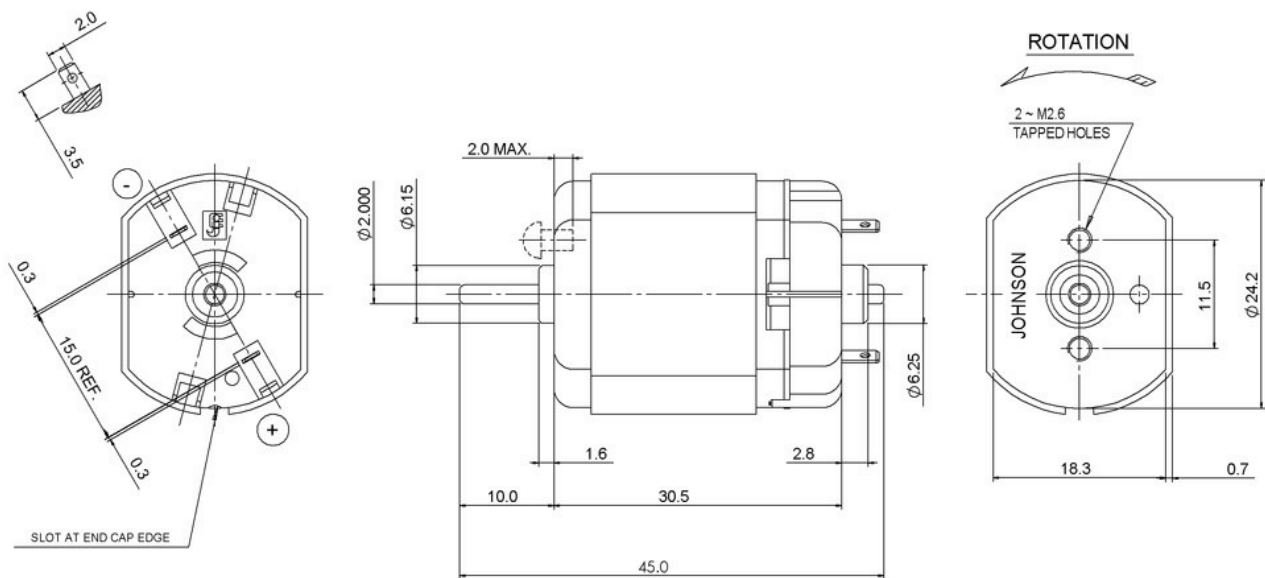
**Specifications:**

|                              |                         |
|------------------------------|-------------------------|
| Dimensions                   | : Ø 1.0 X 18.3 X 1.2 in |
| Shaft Diameter               | : Ø 0.079 in            |
| Input Voltage                | : 2.4 V DC              |
| No Load Speed                | : 7000 rpm              |
| No Load Current              | : 0.18 A                |
| Nominal Speed                | : 6500 rpm              |
| Nominal Torque               | : 0.02 lb.in            |
| Nominal Current              | : 0.80 A                |
| Stall Torque                 | : 0.23 lb.in            |
| Stall Current                | : 9.00 A                |
| Maximum Output Power         | : 0.01                  |
| Maximum Efficiency           | : 70%                   |
| Torque at Maximum Efficiency | : 0.03 lb.in            |
| Speed at Maximum Efficiency  | : 6000 rpm              |
| Life (Typical)               | : 100 hr                |
| Weight                       | : 2 oz                  |
| Operating Temperature Range  | : 14 to 131 °F          |
| Storage Temperature Range    | : -4 to 176 °F          |
| Electrical Connection        | : terminals             |

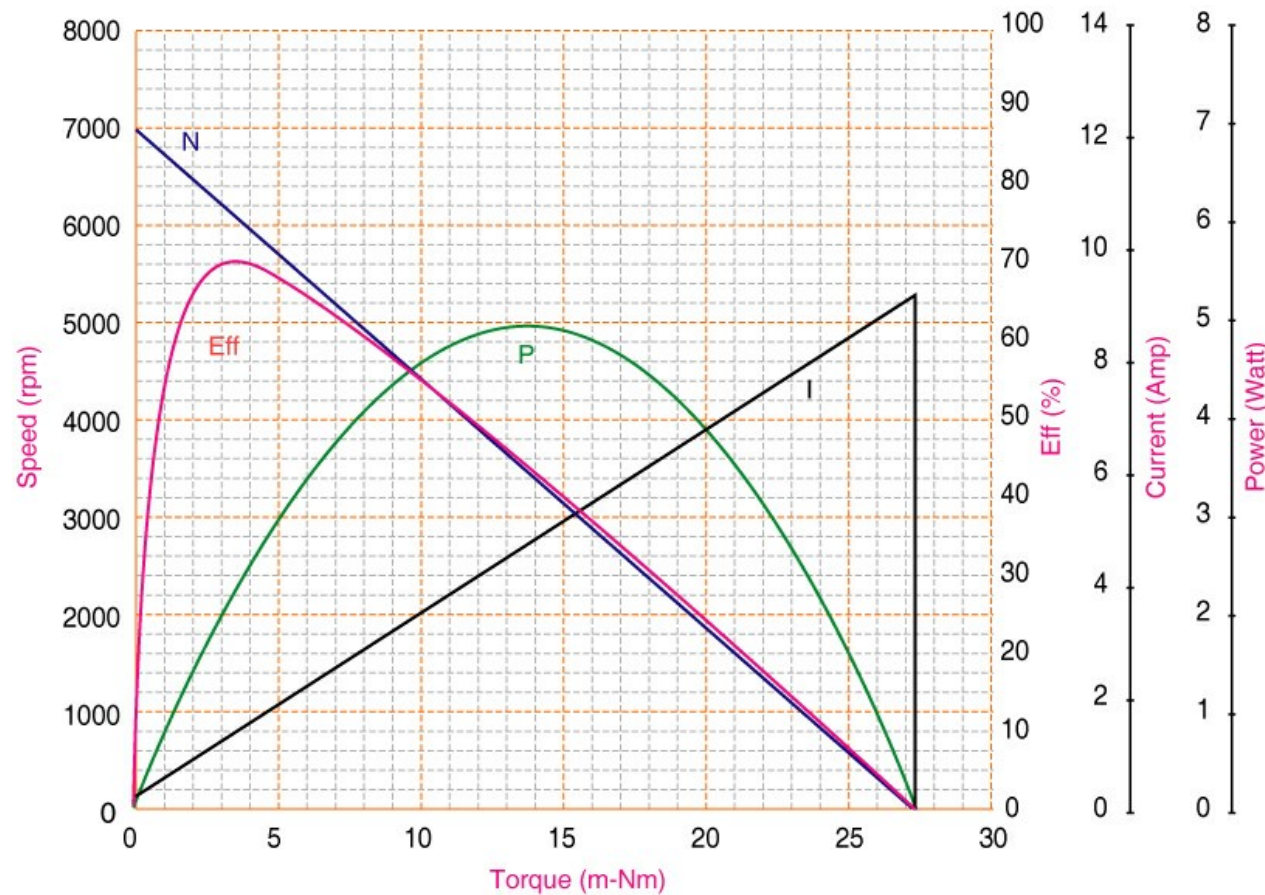
**Performance Data:**

|                   | No Load | Stall | Maximum Efficiency | Maximum Power |
|-------------------|---------|-------|--------------------|---------------|
| Current (A)       | 0.18    | 9.00  | 1.30               | 4.50          |
| Efficiency (%)    | -       | -     | 70                 | 40            |
| Output Power (hp) | -       | -     | 0.00               | 0.01          |
| Speed (rpm)       | 7000    | -     | 6000               | 3500          |
| Torque (Lb.in)    | -       | 0.23  | 0.03               | 0.12          |

Outline Drawing:



Performance Curves:



Units in Metric