

**Characteristics:**

High Power DC motor

**Specifications:**

|                              |                           |
|------------------------------|---------------------------|
| Dimensions                   | : Ø 24.2 X 18.3 X 36.0 mm |
| Shaft Diameter               | : Ø 2.000 mm              |
| Input Voltage                | : 24.0 V DC               |
| No Load Speed                | : 26000 rpm               |
| No Load Current              | : 0.20 A                  |
| Nominal Speed                | : 23000 rpm               |
| Nominal Torque               | : 10.00 mNm               |
| Nominal Current              | : 1.50 A                  |
| Stall Torque                 | : 85.00 mNm               |
| Stall Current                | : 10.00 A                 |
| Maximum Output Power         | : 60.00 W                 |
| Maximum Efficiency           | : 70%                     |
| Torque at Maximum Efficiency | : 10.00 mNm               |
| Speed at Maximum Efficiency  | : 23000 rpm               |
| Life (Typical)               | : 100 hr                  |
| Weight                       | : 55 g                    |
| Operating Temperature Range  | : -10 to 55 °C            |
| Storage Temperature Range    | : -20 to 80 °C            |
| Electrical Connection        | : terminals               |

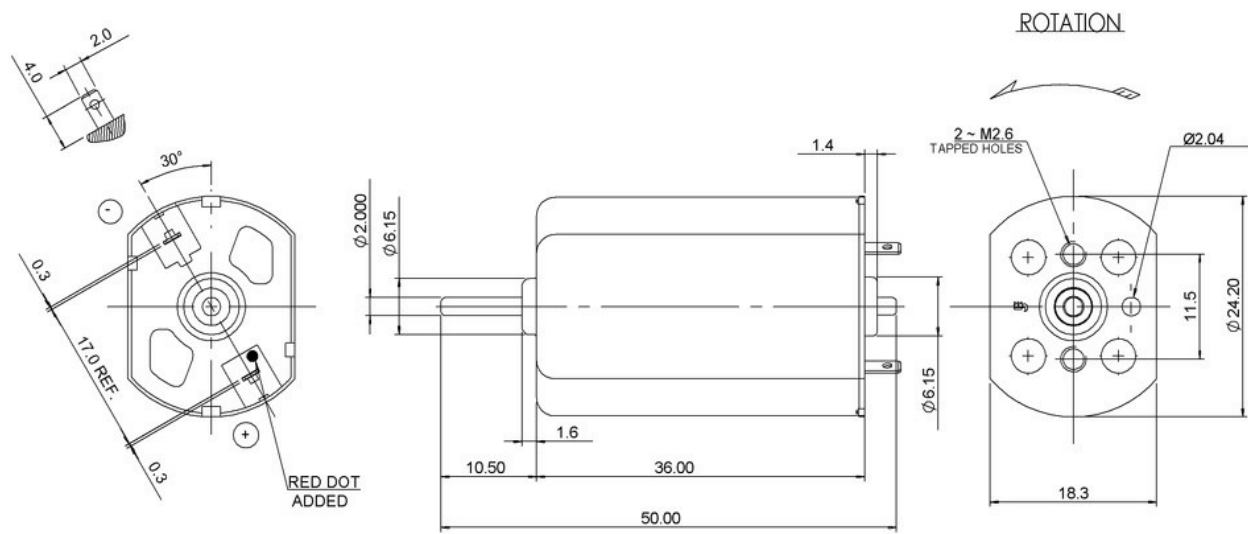
**Performance Data:**

|                  | No Load | Stall | Maximum Efficiency | Maximum Power |
|------------------|---------|-------|--------------------|---------------|
| Current (A)      | 0.20    | 10.00 | 1.50               | 5.50          |
| Efficiency (%)   | -       | -     | 70                 | 45            |
| Output Power (W) | -       | -     | 25.00              | 60.00         |
| Speed (rpm)      | 26000   | -     | 23000              | 13000         |
| Torque (mNm)     | -       | 85.00 | 10.00              | 40.00         |

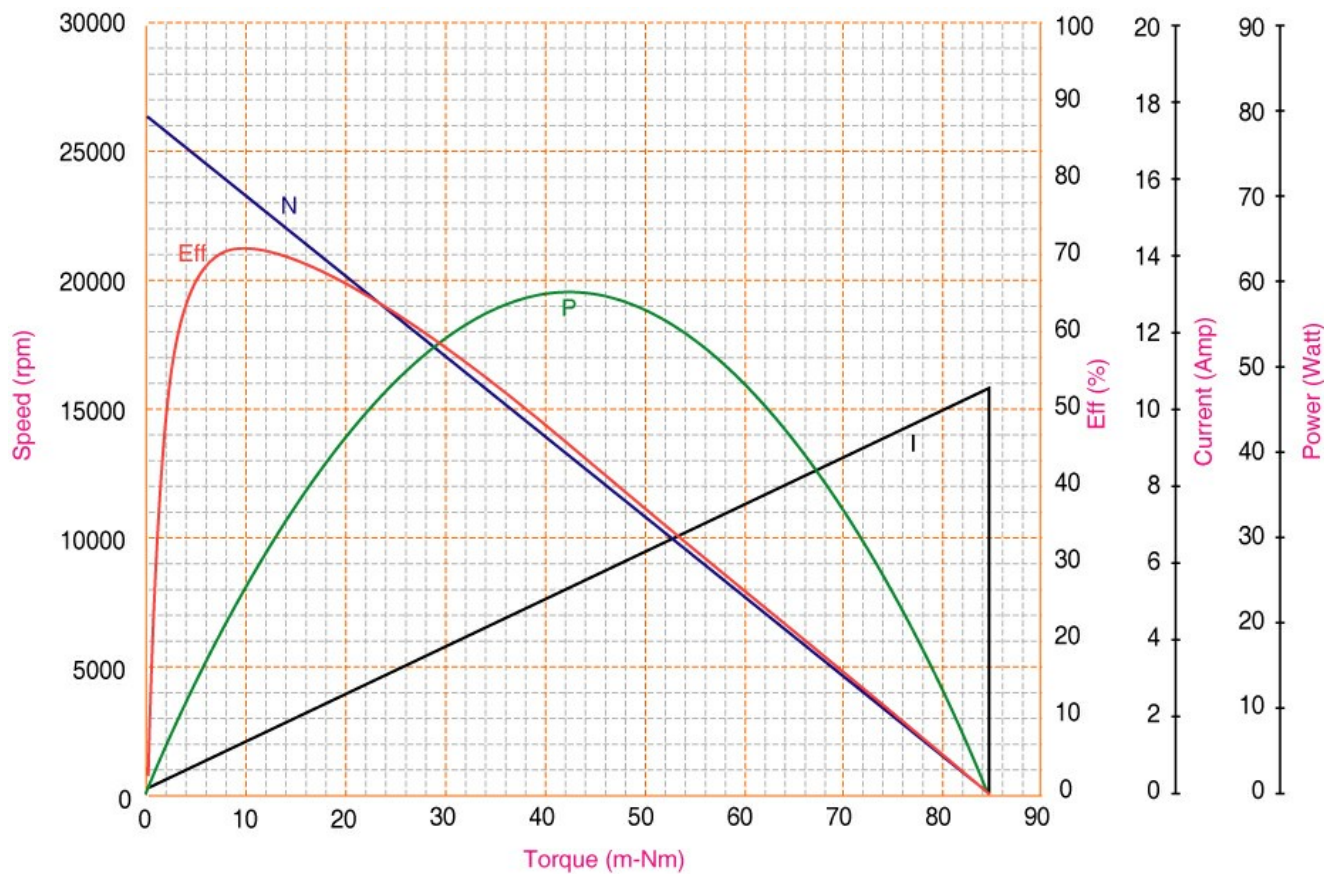
**Application Examples:**

Hair Dryers

Outline Drawing:



Performance Curves:



Units in Metric