

## Characteristics:

High Power, Compact Size, High Reliability

## Specifications:

|                             |                |
|-----------------------------|----------------|
| Dimensions                  | : Ø 1.7 in     |
| Shaft Diameter              | : Ø 0.197 in   |
| Input Voltage               | : 18.0 V DC    |
| No Load Speed               | : 22171 rpm    |
| No Load Current             | : 5.79 A       |
| Stall Torque                | : 12.92 lb.in  |
| Stall Current               | : 186.93 A     |
| Maximum Output Power        | : 1.14         |
| Maximum Efficiency          | : 73%          |
| Weight                      | : 10 oz        |
| Operating Temperature Range | : 14 to 122 °F |
| Storage Temperature Range   | : -4 to 176 °F |
| Electrical Connection       | : Leadwire     |



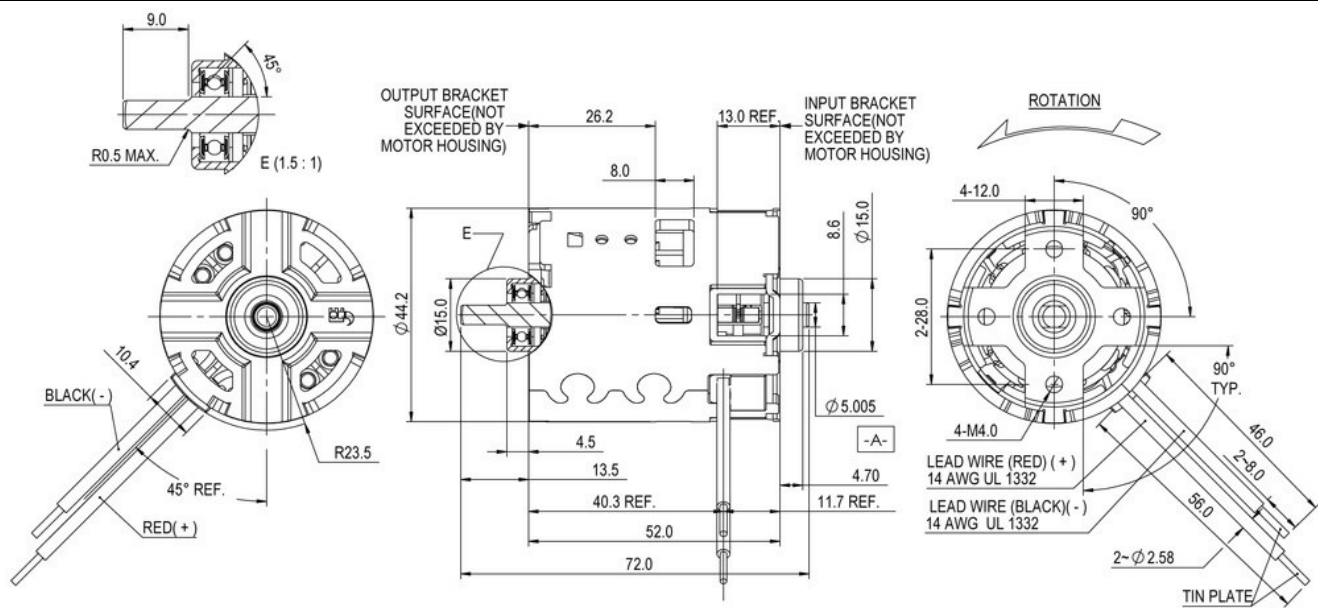
## Performance Data:

|                   | No Load | Stall  | Maximum Efficiency | Maximum Power |
|-------------------|---------|--------|--------------------|---------------|
| Current (A)       | 5.79    | 186.93 | 32.89              | 96.36         |
| Efficiency (%)    | -       | -      | 73                 | 49            |
| Output Power (hp) | -       | -      | 0.58               | 1.14          |
| Speed (rpm)       | 22171   | -      | 18854              | 11086         |
| Torque (Lb.in)    | -       | 12.92  | 1.93               | 6.46          |

## Application Examples:

Drills and Hammer Drills, Screw Drivers

Outline Drawing:



Performance Curves:



Units in Metric