

## Characteristics:

Highly reliable, Compact, High power density and Fast response

## Specifications:

|                             |                    |
|-----------------------------|--------------------|
| Dimensions                  | : Ø 38.1 X 57.0 mm |
| Shaft Diameter              | : Ø 3.174 mm       |
| Input Voltage               | : 12.0 V DC        |
| No Load Speed               | : 10125 rpm        |
| No Load Current             | : 0.57 A           |
| Nominal Speed               | : 8944 rpm         |
| Nominal Torque              | : 37.48 mNm        |
| Nominal Current             | : 4.34 A           |
| Stall Torque                | : 321.36 mNm       |
| Stall Current               | : 32.88 A          |
| Maximum Output Power        | : 85.00 W          |
| Maximum Efficiency          | : 67%              |
| Weight                      | : 232 g            |
| Operating Temperature Range | : -40 to 85 °C     |
| Storage Temperature Range   | : -40 to 120 °C    |



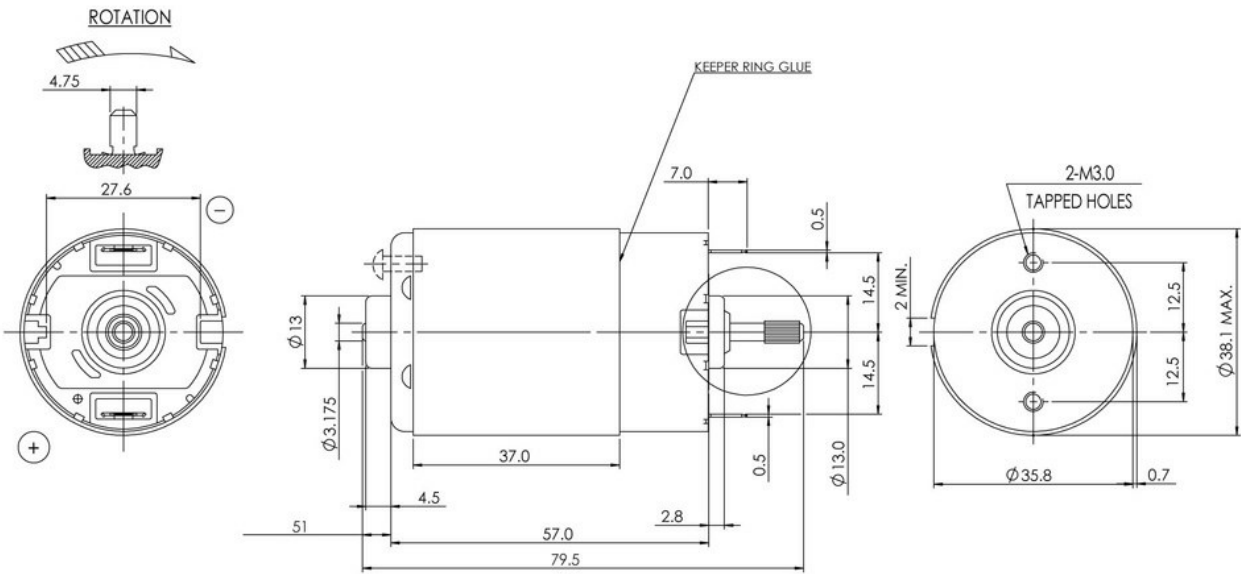
## Performance Data:

|                  | No Load | Stall  | Maximum Efficiency | Maximum Power |
|------------------|---------|--------|--------------------|---------------|
| Current (A)      | 0.57    | 32.88  | 4.34               | 16.73         |
| Efficiency (%)   | -       | -      | 67                 | 43            |
| Output Power (W) | -       | -      | 35.12              | 85.00         |
| Speed (rpm)      | 10125   | -      | 8944               | 5062          |
| Torque (mNm)     | -       | 321.36 | 37.48              | 160.68        |

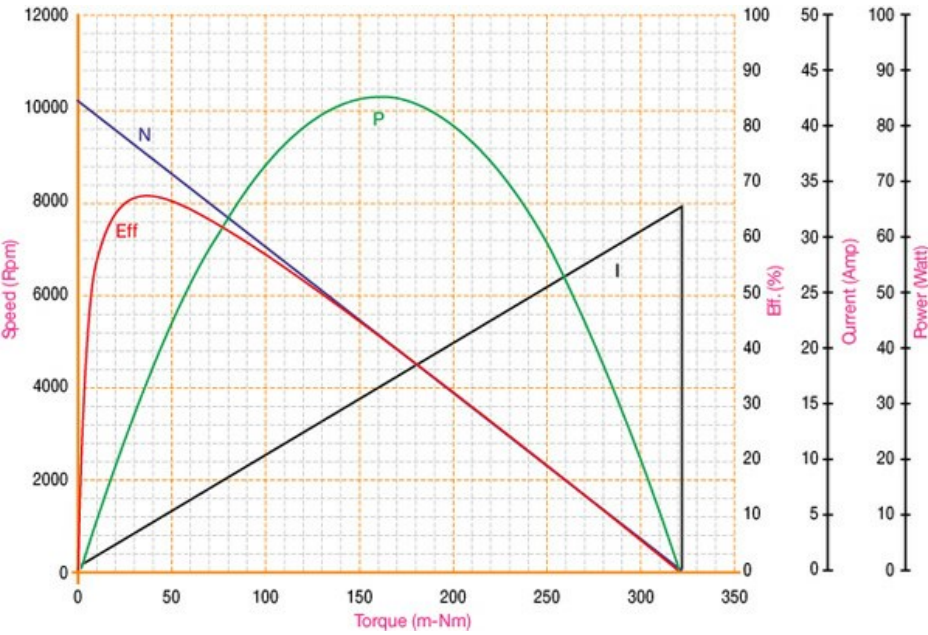
## Application Examples:

Electric Parking Brake, Seat Belt Tensioner

Outline Drawing:



Performance Curves:



Units in Metric