

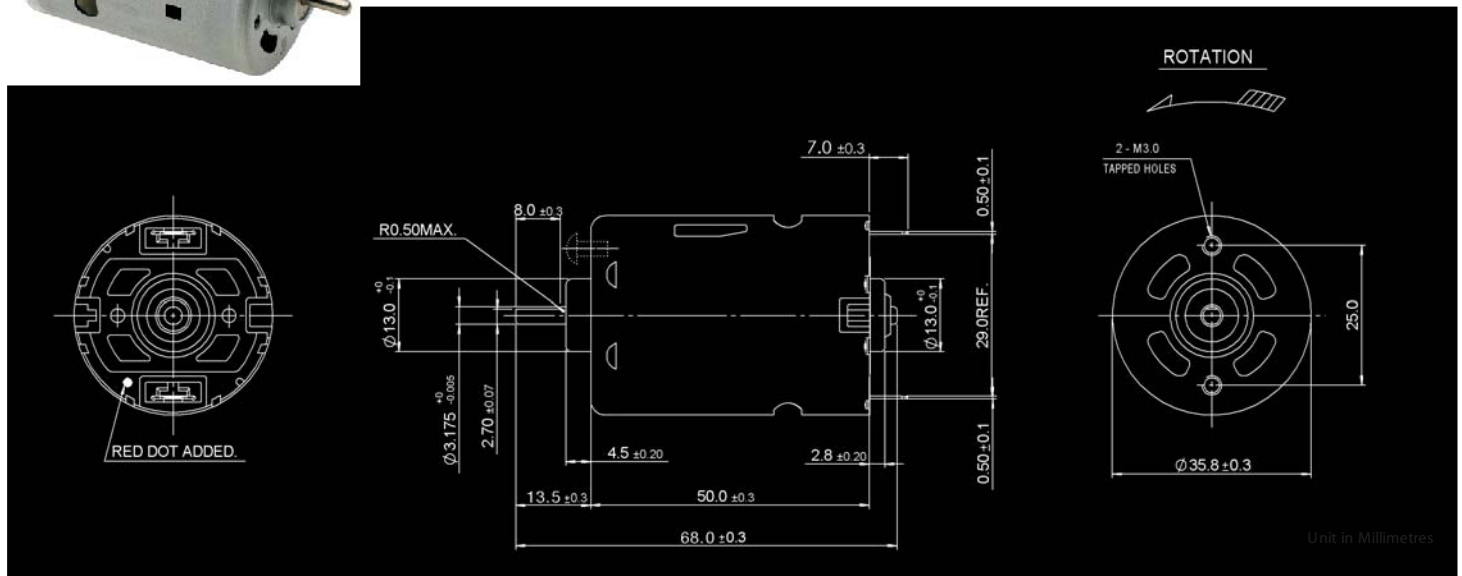
## Product Reference Guide

### Motor for Radio Control Car



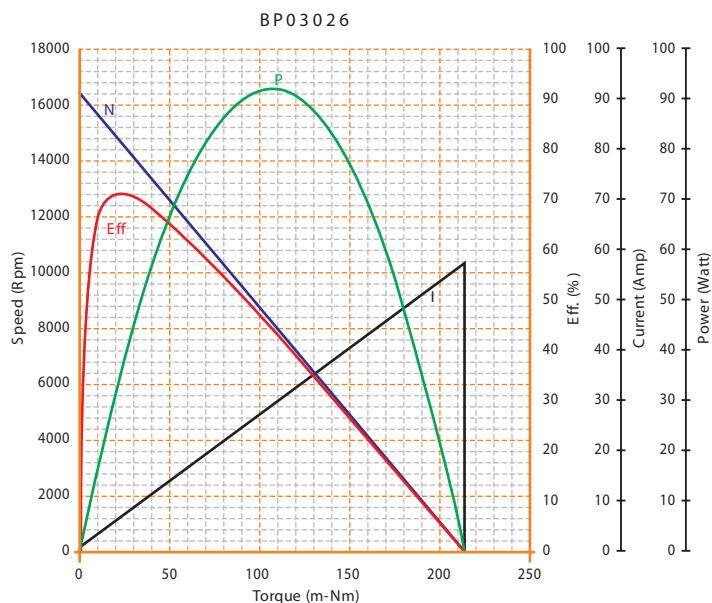
P.M.D.C. Motor

BP03026: Specially designed for high power radio control car



#### Performance (testing under room temperature) :

| Motor Series | Motor Code | Nom. Volt. (V) | Electrical Performance at |            |            |            |                    |            |             |            |               |            |             |            |           | Motor Characteristics |          |                |
|--------------|------------|----------------|---------------------------|------------|------------|------------|--------------------|------------|-------------|------------|---------------|------------|-------------|------------|-----------|-----------------------|----------|----------------|
|              |            |                | No Load                   |            | Stall      |            | Maximum Efficiency |            |             |            | Maximum Power |            |             |            |           | Kt (mNm/A)            | R (Ohms) | Reg. (Rpm/mNm) |
|              |            |                | Speed (Rpm)               | Cur. (Amp) | Tor. (mNm) | Cur. (Amp) | Eff. (%)           | Tor. (mNm) | Speed (Rpm) | Cur. (Amp) | Power (W)     | Tor. (mNm) | Speed (Rpm) | Cur. (Amp) | Power (W) |                       |          |                |
| HC683G       | BP03026    | 7.2            | 16500                     | 0.803      | 213.66     | 57.463     | 71.33              | 22.59      | 14700       | 6.794      | 34.895        | 106.83     | 8200        | 29.133     | 92.260    | 3.771                 | 0.125    | 77.167         |



#### Remarks:

1. Specifications here are for reference only and subject to change without prior notice.
2. Having full capability in motor design, development and manufacture, Johnson Electric is capable to tailor-design motors according to customer's requirement.

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