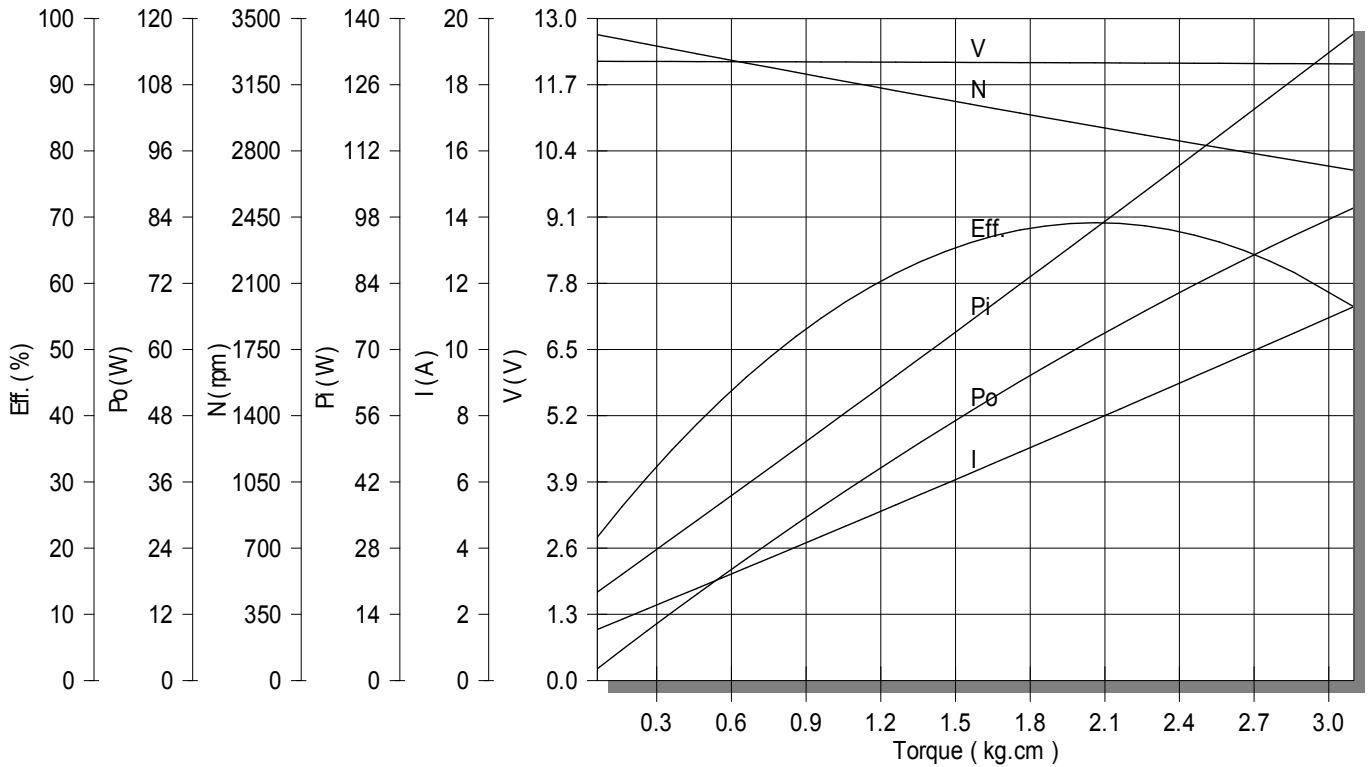


# DATASHEET

## GRAPH



## KING RIGHT MOTOR CO., LTD. DC MOTOR TESTED TECHNICAL DATA

Date : 2013/10/9  
 MODEL NAME : M5850-1234  
 BATCH NAME : 吳進福-M5850  
 SUB NAME : 20131009\_14\_50\_43

MACHINE TYPE : 8.5kg.cm  
 GEAR RATIO : /  
 NO-LOAD-SPEED : 3400  
 VOLTAGE : 12 VDC CURRENT :

| NO. | (V)<br>VOLTAGE | (A)<br>AMP. | (W)<br>INPUT | (kg-cm)<br>TORQUE | (rpm)<br>SPEED | (W)<br>OUTPUT | (%)<br>EFF. |
|-----|----------------|-------------|--------------|-------------------|----------------|---------------|-------------|
| 1   | 12.16          | 1.51        | 18.3         | 0.06              | 3421           | 2.1           | 11.49       |
| 2   | 12.16          | 1.84        | 22.3         | 0.15              | 3393           | 5.2           | 23.37       |
| 3   | 12.15          | 2.50        | 30.4         | 0.37              | 3334           | 12.7          | 41.70       |
| 4   | 12.15          | 3.45        | 41.9         | 0.67              | 3257           | 22.4          | 53.38       |
| 5   | 12.15          | 4.08        | 49.5         | 0.87              | 3210           | 28.6          | 57.85       |
| 6   | 12.15          | 4.70        | 57.1         | 1.07              | 3167           | 34.8          | 60.87       |
| 7   | 12.14          | 5.38        | 65.3         | 1.28              | 3105           | 40.8          | 62.42       |
| 8   | 12.14          | 5.99        | 72.7         | 1.48              | 3067           | 46.6          | 64.04       |
| 9   | 12.13          | 6.97        | 84.6         | 1.78              | 2993           | 54.7          | 64.64       |
| 10  | 12.13          | 7.62        | 92.5         | 1.99              | 2953           | 60.3          | 65.20       |
| 11  | 12.13          | 8.29        | 100.5        | 2.19              | 2907           | 65.3          | 64.97       |
| 12  | 12.12          | 8.98        | 108.9        | 2.39              | 2854           | 70.0          | 64.26       |
| 13  | 12.12          | 9.64        | 116.8        | 2.60              | 2810           | 75.0          | 64.15       |
| 14  | 12.11          | 10.29       | 124.6        | 2.80              | 2767           | 79.5          | 63.79       |
| 15  | 12.11          | 11.30       | 136.9        | 3.10              | 2690           | 85.6          | 62.51       |