

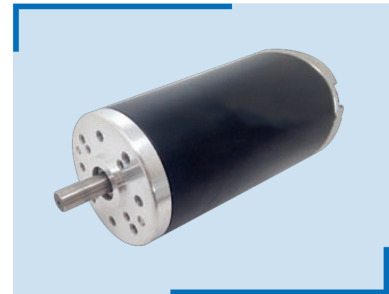
## Permanent Magnet Brush DC Motor APBR80x140

### Motor Specifications

Shaft materials 3Cr13, HRC 36~40  
 High quality ball bearing  
 Hard ferrite magnet, 2- poles  
 Protection class IP 50  
 Insulation class: F, operating temperature range: -40°C~+140°C  
 CE and ROHS certified

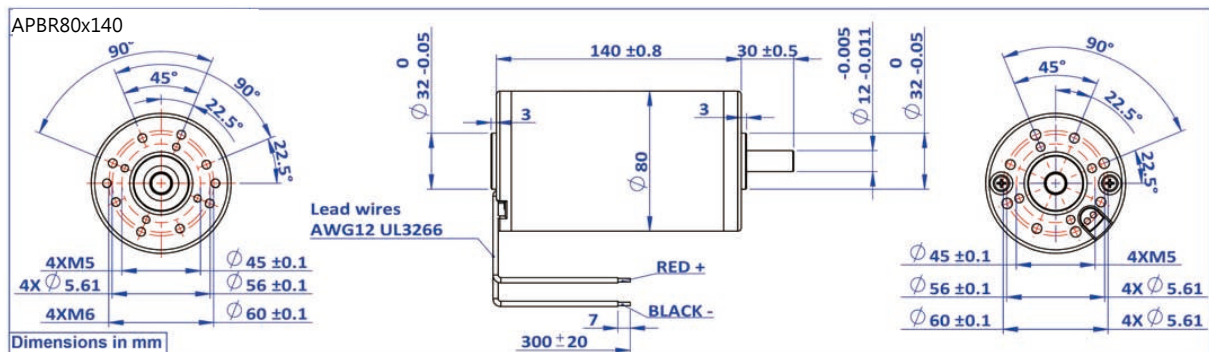
### Options

Customized voltage, winding, shaft, mounting, and lead configurations  
 EMI/RFI suppression circuit; Thermal protection, high temperature Class H insulation

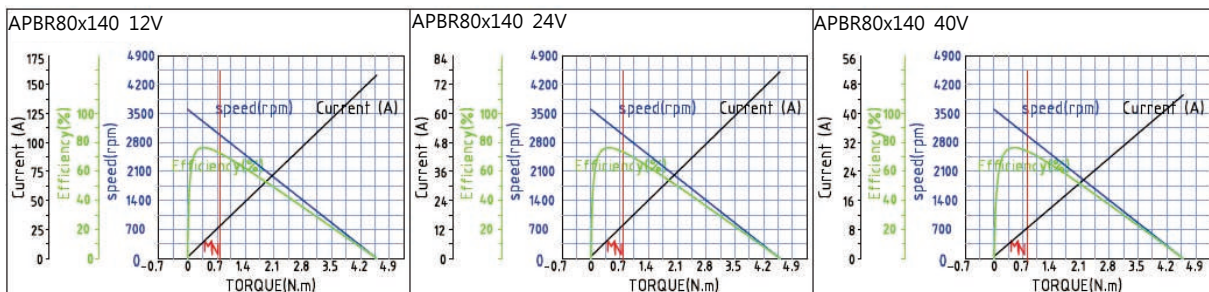


| Model                   | APBR80x140       |      |      |      |
|-------------------------|------------------|------|------|------|
| Rated voltage           | V dc             | 12   | 24   | 40   |
| Continuous rated speed  | rpm              | 2900 | 2900 | 2900 |
| Continuous rated torque | N.m              | 0.8  | 0.8  | 0.8  |
| Continuous current      | A                | 29   | 14   | 8.5  |
| Starting torque         | N.m              | 4.5  | 4.5  | 4.5  |
| Starting current        | A                | 160  | 78   | 45   |
| No load speed           | rpm              | 3600 | 3600 | 3600 |
| No load current         | A                | 1.35 | 0.85 | 0.65 |
| Demagnetization current | A                | 250  | 160  | 90   |
| Rotor inertia           | gcm <sup>2</sup> | 2750 | 2750 | 2750 |
| Weight of motor         | Kg               | 3.2  | 3.2  | 3.2  |
| Motor length            | mm               | 140  | 140  | 140  |

### Drawing



### Characteristic diagram



## We are here for you. Addresses and Contacts.

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