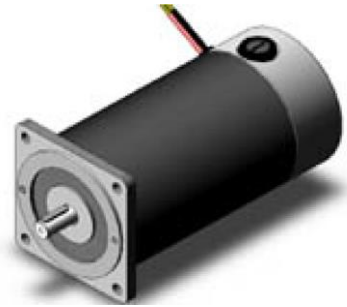


# PM DC Motor

## 90ZY Series



### General Specifications

|                             |                  |
|-----------------------------|------------------|
| Insulation Class            | B 130°C/F 155°C  |
| Operating Temperature Range | -5°C ~ +50°C     |
| Environment Temperature     | 20°C±2°C         |
| Environment Humidity        | 65%±5%RH         |
| Protection                  | IP00             |
| Installation                | IMB14/IMB3/IMB5  |
| Choose Components           | Magnetic Encoder |

**Customized solutions on request.**



### Electrical Specifications

| Model       | Rated Voltage | No-load Speed | No-load Current | Rated Speed | Rated Current | Rated Torque | Rated Power | Length L |
|-------------|---------------|---------------|-----------------|-------------|---------------|--------------|-------------|----------|
|             | VDC           | rpm           | A               | rpm         | A             | mNm          | W           | mm       |
| 90ZY12-001  | 12            | 3200          | 2               | 2400        | 25            | 800          | 200         | 140      |
| 90ZY180-001 | 180           | 3000          | 0.13            | 2400        | 1.6           | 750          | 188         | 140      |
| 90ZY36-001  | 36            | 3000          | 0.5             | 2400        | 10.5          | 1000         | 250         | 175      |
| 90ZY48-001  | 48            | 1600          | 0.5             | 1350        | 3.5           | 800          | 115         | 175      |

### Mechanical Dimensions

