

# PM DC Motor

## 73ZY 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            |
| 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       |
| 73ZY12-001 | 12            | 5000          | 2.5             | 3800        | 9.5           | 200          | 75          | 130      |
| 73ZY24-001 | 24            | 4500          | 1.7             | 3700        | 8             | 300          | 115         | 145      |
| 73ZY36-001 | 36            | 4000          | 1.2             | 3300        | 5.5           | 400          | 135         | 155      |
| 73ZY48-002 | 48            | 3600          | 0.8             | 2900        | 3.7           | 350          | 105         | 155      |

### Mechanical Dimensions

