

# PM DC Motor

## 83ZY 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	
83ZY12-001	12	3600	2.8	3000	18.7	500	150	147
83ZY24-001	24	5000	1.5	4000	8.3	320	130	147
83ZY180-001	180	4000	0.15	3200	1	350	115	147
83ZY48-001	48	3600	0.5	2800	5.5	600	175	171

### Mechanical Dimensions

