

ER-MO-12SYK High Quality Coreless Motor

Specifications

ER-MO-12SYK 18 .06 .88 Parameter		
Operating parameter (25°C)		
Nominal power	W	0.34
Nominal voltage	Volt	6
Electrical resistance $\pm 10\%$	Ohm	19.6
No-load speed $\pm 10\%$	rpm	8,800
No-load current $\leq 125\%$	mA	6
Velocity constant	rpm/V	1,467
Torque constant	mNm/A	6.39
Locked-rotor current	mA	306
Locked-rotor torque	mNm	1.96
Maximum efficiency	%	74
Motor continuous operation domains		
Maximum-continuous working current	mA	80
Maximum-continuous working torque	mNm	0.51
Maximum-continuous working speed	rpm	6,500
Maximum-continuous output power	W	0.348
Note: Due to the difference between working pattern, working life of the hollow-up motor is different. Motor load shall not exceed the maximum continuous work torque. One path to continuous working life can be 1000-2000 hours.		