



包头市天隆永磁电机制造有限责任公司  
Baotou Tianlong Permanent Magnet Generator Manufacturing Co., Ltd.

## 50KW/100rpm/AC400V

### Data Sheet:

Technical Details	
Rated Power(KW):	50
Rated Speed(RPM):	100
Rated Torque(N*M):	5306
Rated Voltage(V):	AC400
Rated Current(A):	72.17
Insulation Class:	F
Efficiency ( > % )	90
PMG Collocation:	Y Connection, Three Phase Three Wires, Alternator
Design service life: :	More Than 20 year
Working Environment	-25℃ —— 40℃
Speed Range	0-110rpm
Mechanical Details	
Mounting Means:	Vertical
Weight(Kg):	1146
Start Torque( < N*M):	48
Material Details	
Shaft Material	40Cr
Bearing	C&U or for your order
Shell Material	Steel
Winding Temperature Class	150℃
Permanent Magnet Material	Rare Earth NdFeB
Permanent Magnet Material Temperature Class	150℃
Core	High Grade Cold Rolling Silicon Sheet 50WW470
Protection Grade	IP54