

## AFPMG450-1.0KW/130RPM 560Vac

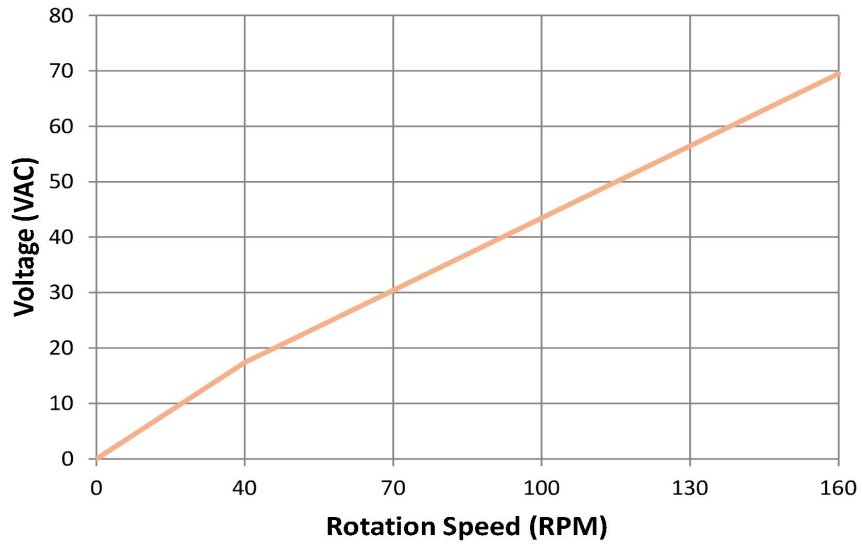
### Technical Parameters

No.	Parameter	Units	Data
1	Rated output power	KW	1.0
2	Rated speed	RPM	130
3	Rated output voltage	VAC	56
4	Rated current	A	10.5
5	Phase-phase resistance	$\Omega$	20°C 2.5
6	Output wire square section	mm <sup>2</sup>	4.0
7	Efficiency at rated speed		>85%
8	Winding type		Y
9	Insulation resistance		100Mohm Min(1760VAC)
10	Voltage withstand	ma	<20 ma
11	Insulation		H class
12	Start torque	Nm	<0.5
13	Temperature rise	°C	<80
14	Max. working temperature	°C	<120
15	Generator diameter	mm	450
16	Shaft diameter	mm	45
17	Housing material		Aluminum Alloy
18	Shaft material		Steel
19	Bearing		NSK
20	Weight	Kg	42
21	Design lifetime	Year	>20

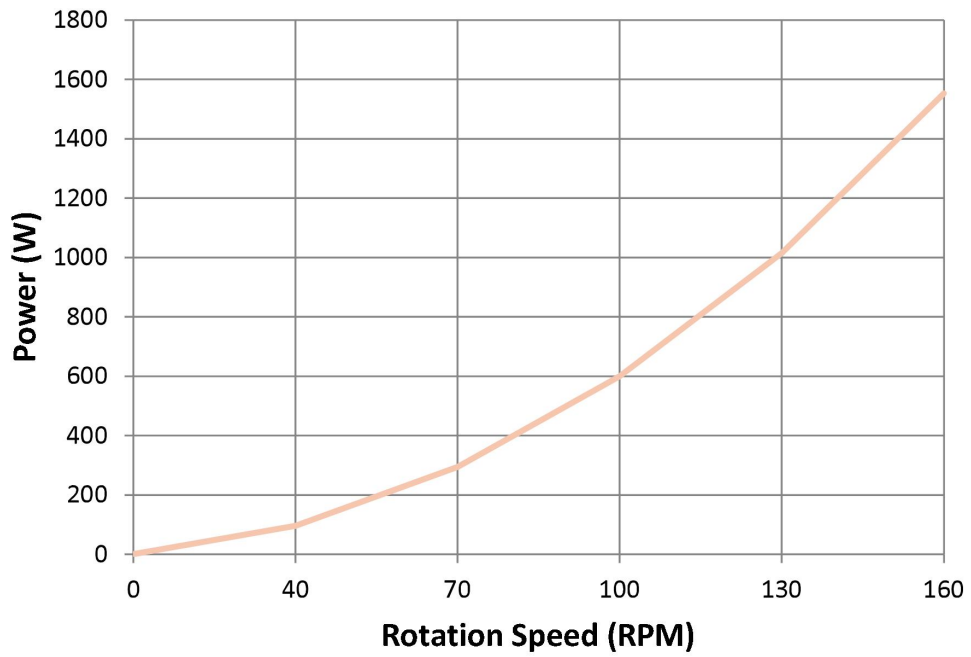
### Testing Data

Speed (RPM)	Load voltage (VAC)	Load current (A)	Load power (W)	Torque (N.m)	Efficiency (%)
160	69.5	12.90	1553	109.1	85.0
130	56.5	10.48	1015	88.2	84.5
100	43.4	8.06	601	68.5	83.8
70	30.4	5.64	294	49.0	82.0
40	17.4	3.23	96	30.4	75.5

### Speed-Voltage Curve



### Speed-Power Curve



## Speed-Torque Curve

