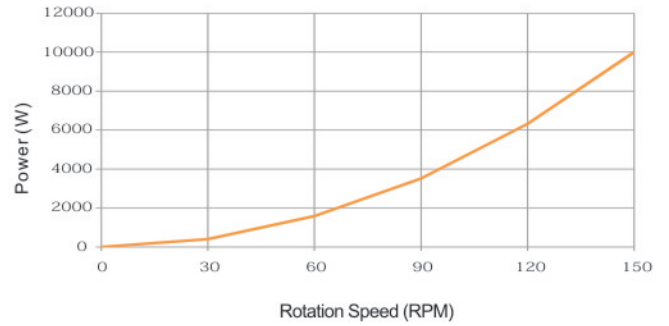


AFPMG770-10KW/150RPM

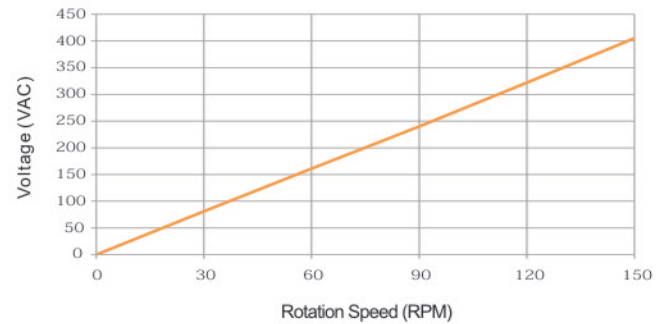
Technical Parameters

No.	Parameter	Units	Data
1	Rated output power	KW	10
2	Rated speed	RPM	150
3	Rated output voltage	VAC	400
4	Rated current	A	14.3
5	Phase resistance	Ω	2.65
6	Output wire square section	mm ²	6
7	Efficiency		>85%
8	Winding type		Y
9	Insulation resistance		100Mohm Min(500VDC)
10	Voltage withstand	ma	<5 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	765
16	Shaft diameter	mm	98
17	Housing material		Aluminum Alloy
18	Shaft material		Steel or stainless steel
19	Bearing		NSK or SKF
20	Weight	Kg	165
21	Design lifetime	Year	>20

Speed-Power Curve



Speed-Voltage Curve



Testing Data

Speed (RPM)	Load voltage (VAC)	Load current (A)	Load power (W)	Torque (N.m)	Efficiency (%)
150	405	14.3	10000	708.1	89.9
120	322	11.3	6321	575.4	87.4
90	240	8.4	3512	432.5	86.1
60	161	5.7	1580	295.9	85.0
30	81	2.9	400	156.8	81.2

Speed-Torque Curve

