

BRANDS4E-WW1

- Datenblatt -

Beschreibung

Generator AFPMG320-1KW 300RPM 380VAC

No.	Parameter	Units	Data
1	Rated output power	KW	1
2	Rated speed	RPM	300
3	Rated output voltage	VAC	380
4	Rated current	A	1.6
5	Phase Resistance	Ω	20°C 16.2
6	Output wire square section	mm ²	1
7	Efficiency at rated speed		>85%
8	Start torque	Nm	<0.3
9	Generator diameter	mm	320
10	Shaft diameter	mm	45
11	Weight	Kg	23
12	Insulation		H class
13	Temperature rise	°C	<80
14	Max. working temperature	°C	<120
15	Insulation resistance		20M ohm Min (500VDC)
16	Voltage withstand	ma	<5 ma
17	Housing material		Aluminium Alloy
18	Shaft material		Steel
19	Bearing		NSK
20	Design lifetime	Year	>20

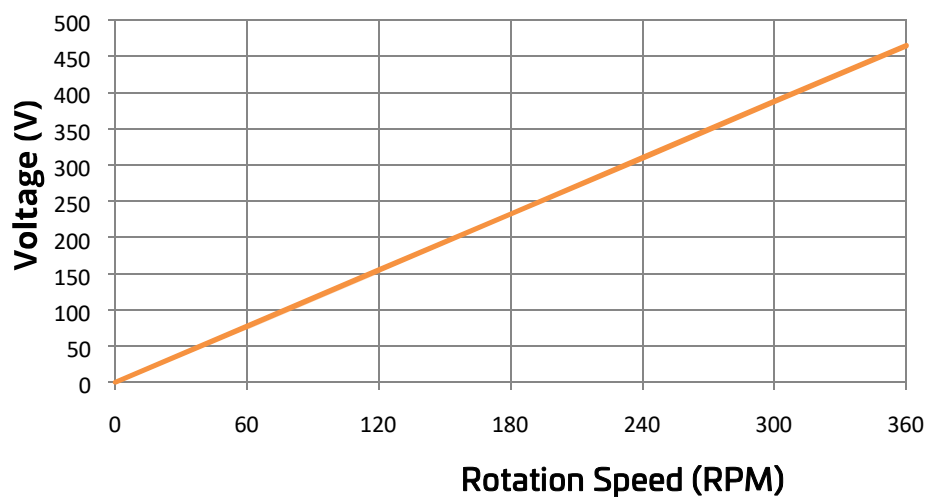
Testdaten

Generatorprüfdaten abgenommen auf dem Testprüfstand

Speed (RPM)	Load voltage (VAC)	Load current (A)	Load power (W)	Torque (N.m)	Efficiency (%)	Frequency (Hz)
360	465.0	1.8	1450	43.7	88.1	60.0
300	387.5	1.5	1007	36.9	86.9	50.0
240	310.0	1.2	644	30.2	84.9	40.0
180	232.5	0.9	362	23.8	80.7	30.0
120	155.0	0.6	161	16.5	77.7	20.0
60	77.5	0.3	40	10.2	62.6	10.0

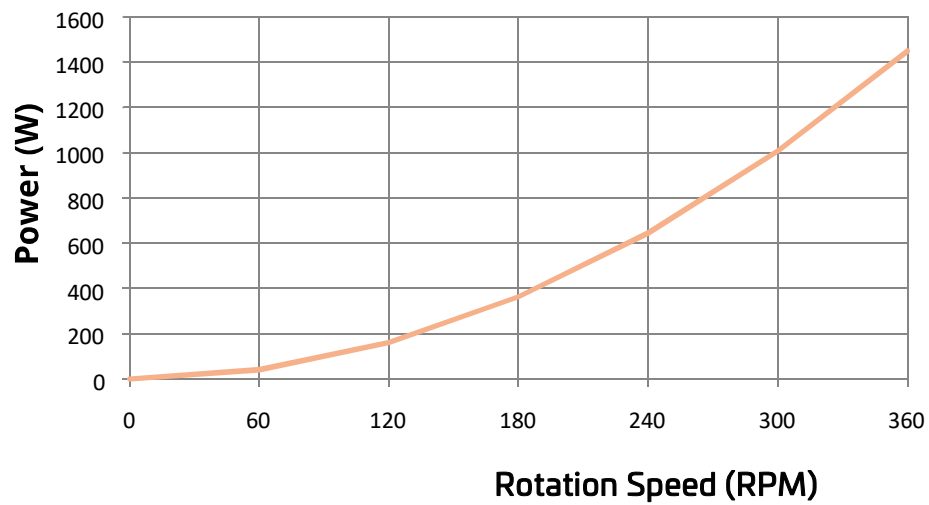
Speed-Load Voltage Curve

Generatorprüfdaten abgenommen auf dem Testprüfstand



Speed-Power Curve

Generatorprüfdaten abgenommen auf dem Testprüfstand



Speed-Torque Curve

Generatorprüfdaten abgenommen auf dem Testprüfstand

