



PRODUCTS CATALOGUE

Version 2.0

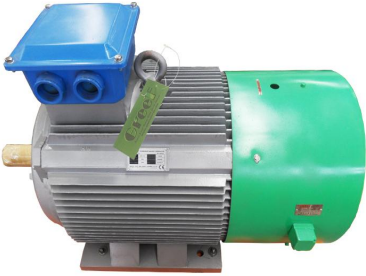
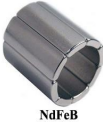
PERMANENT MAGNET GENERATOR



QINGDAO GREEF NEW ENERGY EQUIPMENT CO.,LTD



PERMANENT MAGNET GENERATOR SPECIFICATIONS

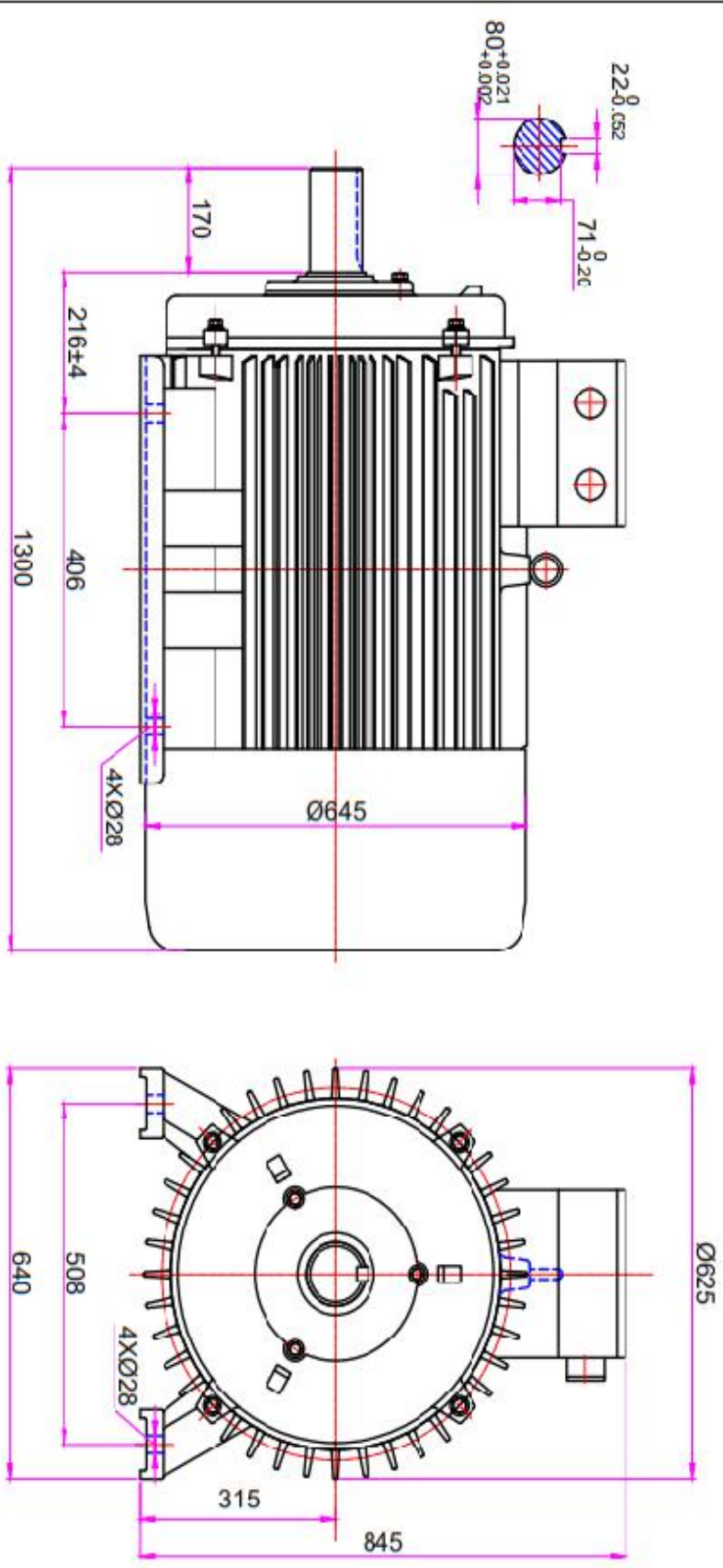
Pictures	Model	GDF-315
    NdFeB 100% Copper SKF	Rated power	200 kW
	Rated rotate speed	1000 rpm
	Rated voltage	380 VAC
	Rated current	303.9 A
	Start torque	29.1 N.M
	Rated torque	1939.1 N.M
	Frequency	50 Hz
	Number of Poles	6
	Generator type	3phase AC Synchronous generator
	Magnet type	NdFeB
	Winding Method	Y
	Magnet temperature level	Max.120℃
	Winding temperature level	Max.180℃
	Efficiency	98.40%
	Insulate Grade	H
	Insulating resistance	100Mohm Min(500Vdc)
	Classification of degrees	IP54
	Generatrro shell material	Cast Iron
	Winding material	100% Copper
	Shaft material	Steel
PMG	Iron Core	Cold rolled silicon steel sheet
	Bearing brand	SKF
	Cooling Method	Self-cooled
	Approximate weight	1200kg
	Installation	Horizontal

Advantage :

1. Low speed , Direct Drive ,no use gear-box
2. High efficiency , Power factor close to 1
- 3.Submerged N-Fe-B Permanent magnet ,Suitable for Bumps , repeated start
4. SKF Oil high speed Bearing, maitenance free.
- 5.Long life time >20years, could run at high speed 24 hours 365 days .
- 6.Customized : Voltage, Speed, Power, Frequency , Shaft dimensions etc.



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* The drawing is only for reference, please make the object as the standard.

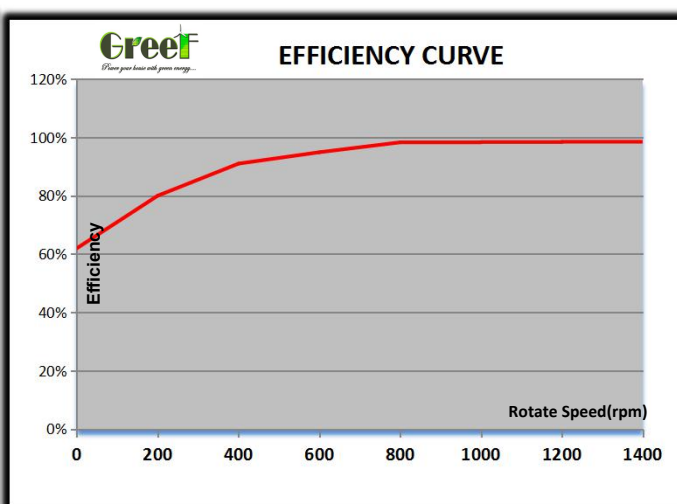
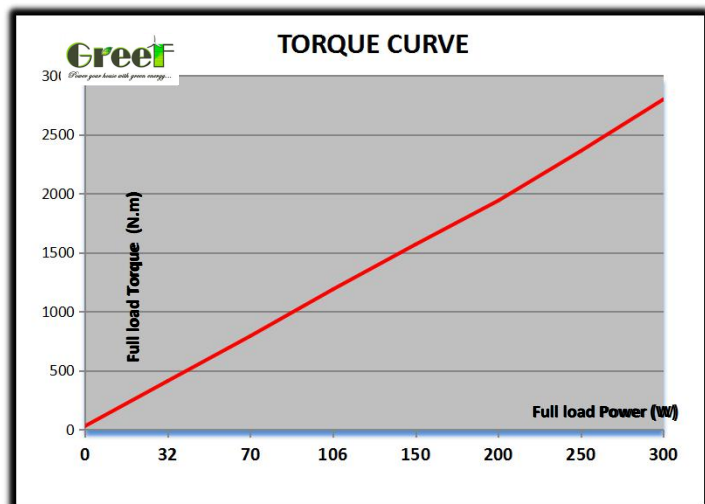
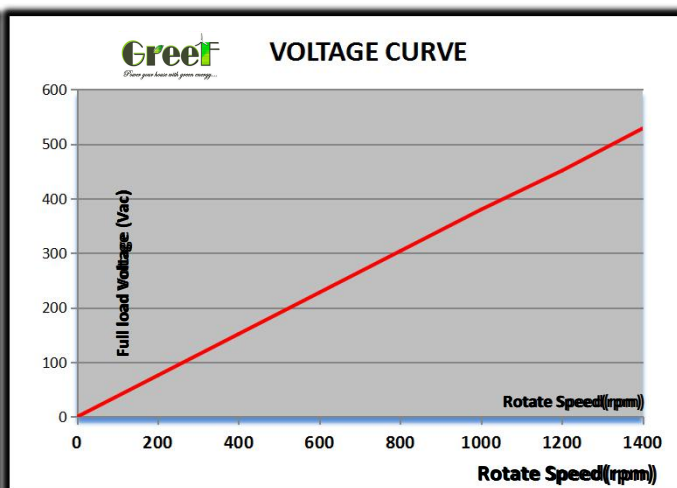
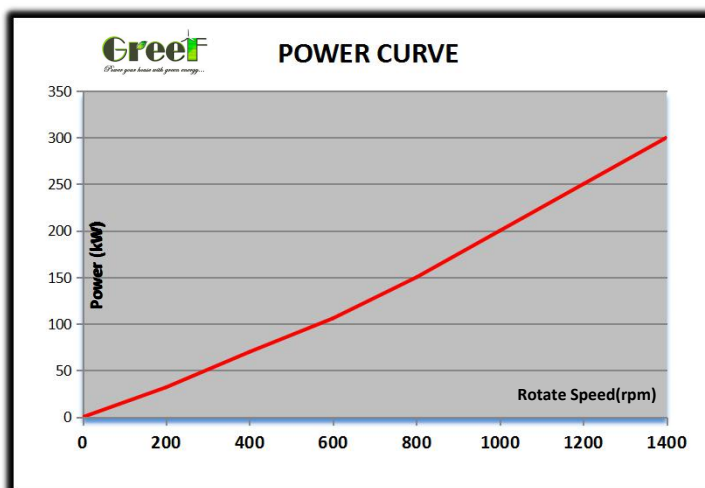
Drawing NO.
Designed
DATE
File manager

 POWER THE WORLD WITH GREEN ENERGY QINGDAO GREENT NEW ENERGY EQUIPMENT CO.,LTD		Product Name		PERMANENT MAGNET GENERATOR	
		MODEL		GDF-315S	
		SCALE		1 : 1	
		DRG. NO		DESIGNED	
DATE		2018. 02		CHECKED	
SHEET		1 / 1		APPROVED	

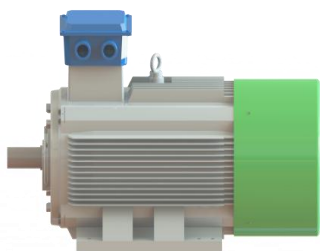
GENERATOR PERFORMANCE DATA SHEET

Model: GDF-200KW-1000RPM

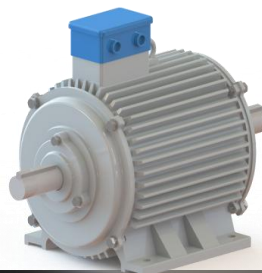
NO.	Model	RPM	Power(KW)	Voltage (V)	Efficiency	Torque(N.M)
1	GDF-200KW-1000RPM	0	0	0	62.0%	29.1
2		200	32	76	80.0%	411.2
3		400	70	152	91.0%	791.9
4		600	106	228	94.9%	1187.8
5		800	150	304	98.3%	1568.5
6		1000	200	380	98.4%	1939.1
7		1200	250	451	98.5%	2360.4
8		1400	300	529	98.6%	2798.6



Option Installation Type



B3 with Cooling fan



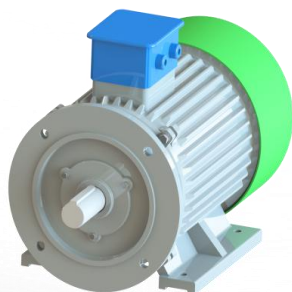
B3 without cooling fan



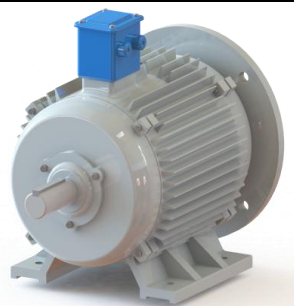
Down B5



Front B5 +cooling fan



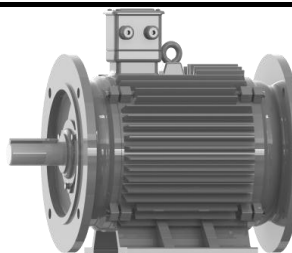
B35 with Cooling fan



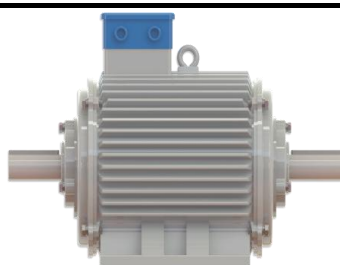
B35



Double B5



Double B35

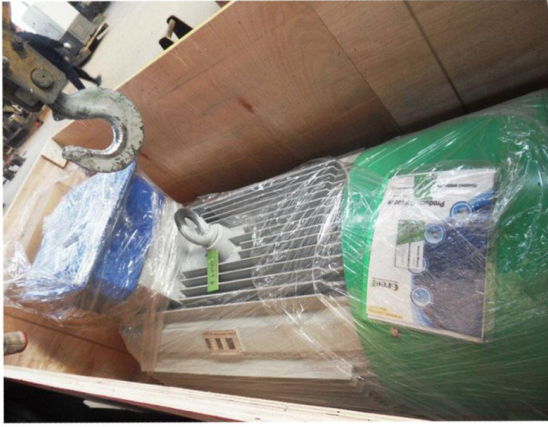


Double B3 with both shaft



B3 Water cooling

Notice : we can also customized according to each customers's request



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