



FUJIAN SINOCOX GENERATOR TECHNOLOGY

3kW - 6kW

SMD132 Range

_ Rev. B _

DC GENERATOR

Application and Standards

SMD132 range product is the DC generator and designed to be applicable for telecom and lighting tower(LED)
Comply with standards of IEC60034,NEMA MG1-32,IS08528,CSA C22.2-100, VDE 0530, GB755

Electrical Features

H class insulation

Output of DC voltage is 48V/24V, and can be upto 60V/30V

DC voltage ripple <1%

Mechanical Features

Be protected to IP23.

Single bearing configurations.

Sealed for life bearings

Aluminum front and rear bracket for less weight.

The rotors are dynamically balanced according to ISO 1940.

Common Data

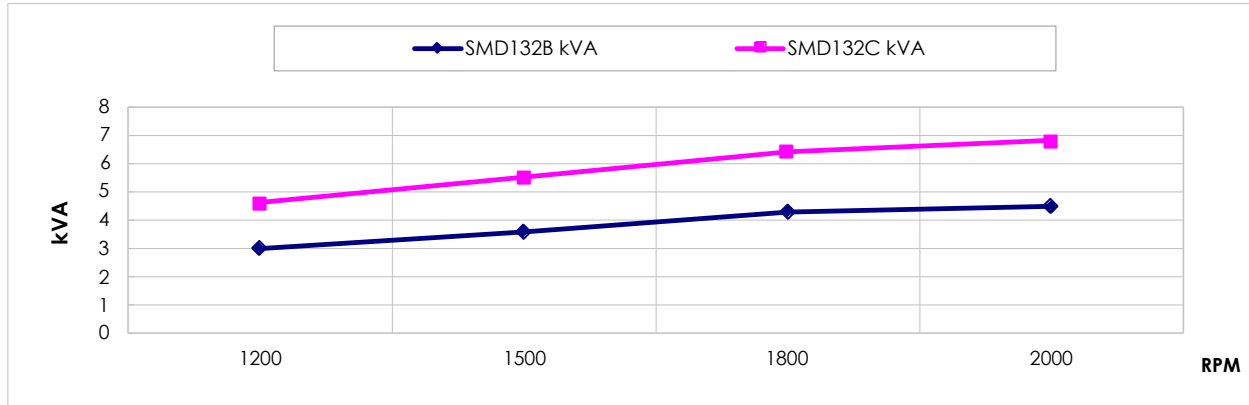
Insulation	H	Overspeed	2500rpm	DC Voltage Ripple	< 1%
Altitude	<=1000m	Leads	2	AVR	VR309
Protection	IP23			Output Voltage	48VDC/24VDC

Rating

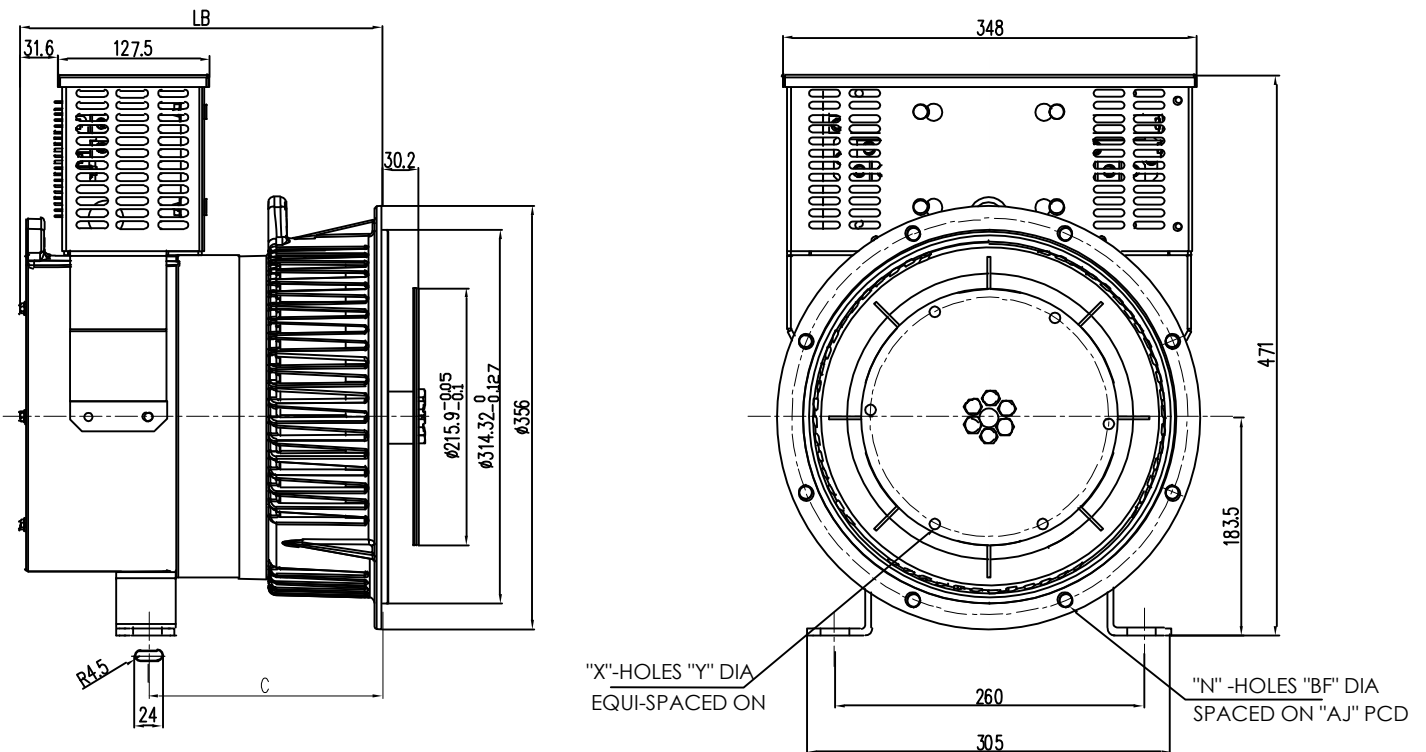
DC Voltage	24VDC / 48V DC			Efficiency	
Rotating Speed	1200	1500	1800		
SMD132B	kVA	3.0	3.6	4.3	73.5%
	kW	2.8	3.4	4.1	
SMD132C	kVA	4.6	5.5	6.4	78.2%
	kW	4.4	5.2	6.1	

Rotating Speed vs. Power

SMD132 B/C



Outline Drawing



Dimension (mm)	SAE 4		SAE 5		Control Box L*W*H	Net W. kg	Gross W. kg
	LB	C	LB	C			
Model	LB	C	LB	C			
SMD 132B	313	203.5	306	196.5	530*405*500	42	50
SMD 132C	333	223.5	326	216.5	530*405*500	47	57

SAE#	Flange (mm)					
	BD	AK	AJ	U°	BF	N
SAE 5	356	314	333	22.5	11	8
SAE 4	408	362	381	15	11	12

SAE#	Disc (mm)				
	BX	P	X	Y	AH
7.5	241.3	222.25	8	9	30.2
6.5	215.9	200.02	6	9	30.2