Fujian Kwise Generator Co., Ltd.

DLA184 Series

15.0kW – 34.8 kW

Application and Standard

The DLA164 series are DC generators for telecommunication and lighting towers (LED). The generators comply with IEC 60034, NEMA MG1-32, ISO 8525, CSA C22.2-100, VDE 0530, GB755.

Mechanical features

Enclosure:Standard enclosure is IP23.
Bearings:Sealed for life bearings
Forms: can be provided in single bearing or double bearing configurations according to customer's requirements.
Coupling Disc:High strength coupling disc

General parameters

Insulation class	Class H	Maximum speed	2250rpm	DC voltage ripple	<1%
Altitude	≦1000m	Leads	2	AVR	KVR470
Protection grade	IP23			Output voltage	48 Vdc

Rated value

DC voltage		48 Vdc				Efficiency
Rotational speed rpm		1200	1500	1800	2000	
DLA184C6	kVA	12.8	15.8	18.3	19.1	83.1%
	kW	12.2	15.0	17.4	18.2	
DLA184C7	kVA	14.6	18.0	20.9	21.8	84.0%
	kW	13.9	17.1	19.8	20.7	
DLA184D8	kVA	16.2	20.0	23.2	24.2	84.8%
	kW	15.4	19.0	22.0	23.0	
DLA184D9	kVA	17.8	22.0	25.5	26.6	85.9%
	kW	16.9	20.9	24.2	25.3	
DLA184D10	kVA	20.3	25.0	29.0	30.3	86.6%
	kW	19.2	23.8	27.6	28.7	
DLA184E11	kVA	22.7	28.0	32.5	33.9	86.6%
	kW	21.5	26.6	30.9	32.2	
DLA184E12	kVA	24.3	30.0	34.8	36.3	87.6%
	kW	23.1	28.5	33.1	34.5	
DLA184E13	kVA	25.6	31.6	36.7	38.2	87.8%
	kW	24.3	30.0	34.8	36.3	

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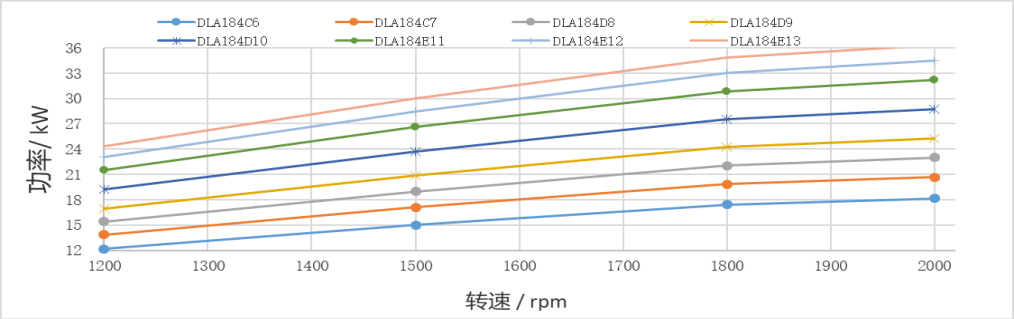
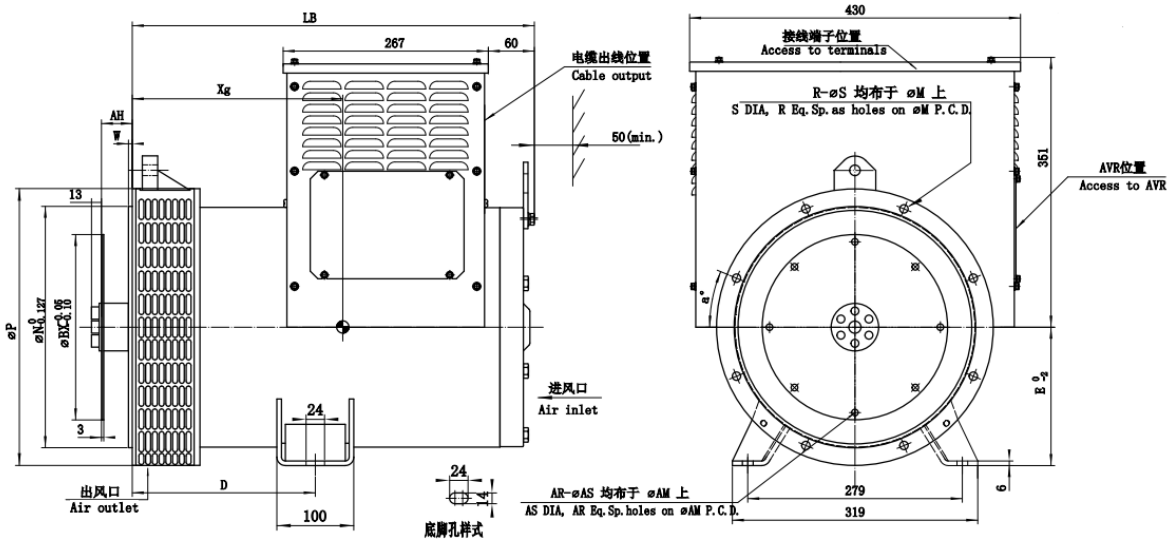
Rated speed and power



Outline Drawing



Dimension(mm)	SAE 3	SAE 4/5	*Xg	Weight	Package
TYPE	LB	LB	mm	kg	L x W x H(mm)
DLA184C6	455	443	186	120	570*525*687
DLA184C7	455	443	191	128	570*525*687
DLA184D8	535	523	243	137	670*525*687
DLA184D9	535	523	248	142	670*525*687
DLA184D10	535	523	253	157	670*525*687
DLA184E11	595	583	273	171	730*525*687
DLA184E12	595	583	287	179	730*525*687
DLA184E13	595	583	293	184	730*525*687

Flange (mm)							
S.A.E	P	N	M	R-øS	W	D	a°
#3	451	409.575	428.625	12-ø11	5	190	15
#4	402	361.95	381	12-ø11	5	178	15
#5	356	314.325	333.375	8-ø11	5	178	22.5

Coupling Disc (mm)				
S.A.E	BX	AM	AR-øAS	AH
#6.5	215.9	200.025	6-ø9	30.2
#7.5	241.3	222.25	8-ø9	30.2
#8	263.525	244.475	6-ø11	62
#10	314.325	295.275	8-ø11	53.8
#11.5	352.425	333.375	8-ø11	39.6