


## Configuration of Permanent Magnet Electric Motor

### 11kW Brushless DC Motor

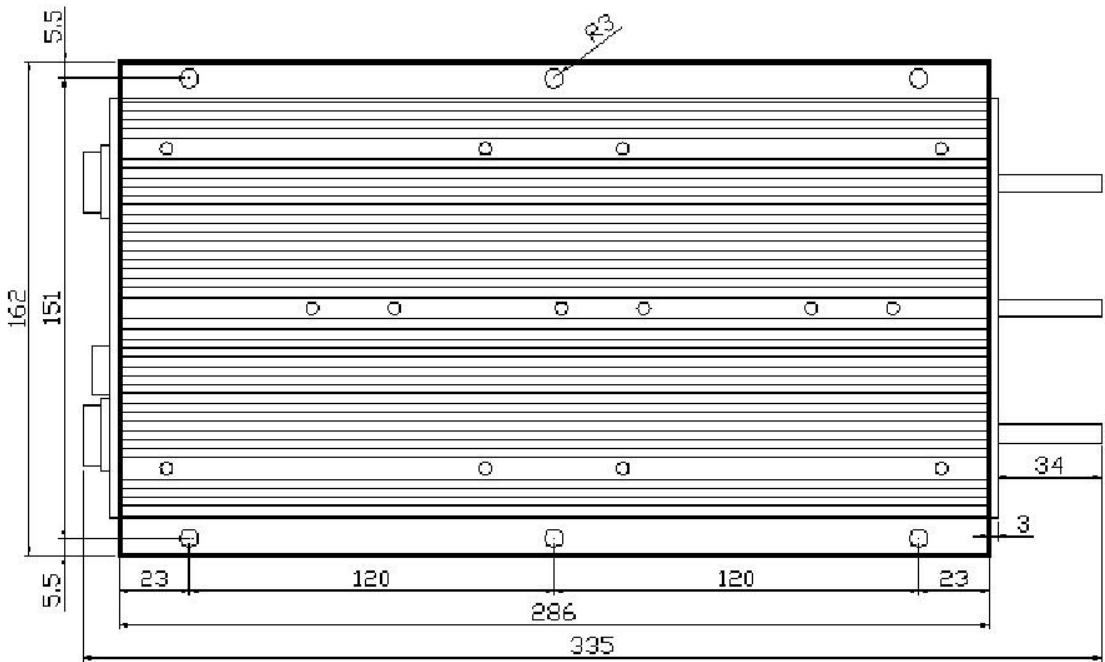
NO.	Parameters	Units	Amount	Remark
1	Rated Power	kW	11	
2	Peak Power	kW	22	Limiting the specific values of the selection by the controller
3	Rated Voltage	V <sub>DC</sub>	120	
4	Rated Current	A	102	
5	Rated Torque	Nm	37.5	
6	Overload Torque	Nm	80	Limiting the specific values of the selection by the controller
7	Rated Speed	rpm	2800	
8	Max. Speed	rpm	3500	
9	Anti-Electromotive	V/rad • s <sup>-1</sup>	0.28	
10	Phase Current Average	A	135	
11	Working Type		1h	
12	Protection Grade		IP55	
13	Insulation Level		F	

14	Cooling Mode			
15	Frame		H132-B35	
16	Weight	Kg	32	
17	Appearance			
				<p>Practical requirements of motor output shaft can be customized</p>
18	Size	Mm	$\Phi 248 \times 307$	
CONTROLLER SPECS.		BSC30-120		
INPUT VOLTAGE RANGE		18v---120v	COOLONG TYPE	NATURE
MAX OUTPUT CURRENT		400A	WORKING TEMPERATURE	-20-60
APPEARANCE AS FOLLOWING :				




KEEP TEMPERATURE -30-80

WEIGHT 5 KG



Height: 84 millimeters  
Length: 286 millimeters

<b>PEDAL</b>	
<b>INPUT VOLTAGE</b>	<b>0.8--4.2V</b>
<b>CONTROL TYPE</b>	<b>POTENTIONMETER</b>



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