


## Configuration of Permanent Magnet Electric Motor

### 9kW Brushless DC Motor

NO.	Parameters	Units	Amount	Remark
1	Rated Power	kW	9	
2	Peak Power	kW	10	Limiting the specific values of the selection by the controller
3	Rated Voltage	V <sub>DC</sub>	96	
4	Rated Current	A	104	
5	Rated Torque	Nm	30.7	
6	Overload Torque	Nm	61.4	Limiting the specific values of the selection by the controller
7	Rated Speed	rpm	2800	
8	Max. Speed	rpm	3400	
9	Anti-Electromotive	V/rad • s <sup>-1</sup>	0.24	
11	Working Type		1h	
12	Protection Grade		IP55	
13	Insulation Level		F	
14	Cooling Mode		NATURE	
15	Frame		H132-B35	
16	Weight	kg	32	

17	Appearance		
		<p>Practical requirements of motor output shaft can be customized</p>	

18	Size	mm	$\Phi 248 \times 307$
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CONTROLLER SPECS.	BSC20-72
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INPUT VOLTAGE RANGE	24-120	COOLONG TYPE	NATURE
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MAX OUTPUT CURRENT	400A	WORKING TEMPERATURE	-20-60
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CONTINUES CURRENT	200A
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APPEARANCE AS FOLLOWING :



KEEP TEMPERATURE -30-80	WEIGHT 4 KG

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



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