

# CERTIFICATE OF PRODUCT CERTIFICATION

## TYPE II CQC CERTIFICATION

CERTIFICATE NO.: CQC2009010401351118

Valid from: Oct.08,2021

Valid until: Oct.08,2031

**NAME AND REGISTERED ADDRESS OF THE APPLICANT** Dunkermotoren GmbH  
Allmendstrasse 11 Bonndorf im Schwarzwald Germany

**NAME AND REGISTERED ADDRESS OF THE MANUFACTURER** Dunkermotoren GmbH  
Allmendstrasse 11 Bonndorf im Schwarzwald Germany

**NAME AND LOCATION OF THE FACTORY** Dunkermotoren GmbH  
Allmendstrasse 11 Bonndorf im Schwarzwald Germany

**PRODUCT NAME, MODEL AND SPECIFICATION** Brushless DC motor  
See Appendix

**THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS** GB/T 12350-2009

**TYPE OF CERTIFICATION SCHEMES** Type Testing of Product + Initial Factory Inspection + Follow up Factory Inspection

This is to certify that the above mentioned product(s) complies with the requirements of certification rules of CQC12-000001-2020.

Date of original issued: Mar.22,2020

The validity of the certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

The certificate information is available through the QR code below or CNCA's website: [www.cnca.gov.cn](http://www.cnca.gov.cn)



SIGN BY

郑士泉

SIGNATURE

谢肇煦



CHINA QUALITY CERTIFICATION CENTRE

# CERTIFICATE OF PRODUCT CERTIFICATION

## TYPE II CQC CERTIFICATION

### APPENDIX

Page 1 of 12

CERTIFICATE NO. : CQC2009010401351118

PAPER:

序号	型号	额定电压 (VDC)	额定频率 (Hz)	额定功率 (W)	实际转速 (r/min)	工作制	绝缘等级
1	BG42x15	40	—	45.7	4120	S1	E
2	BG42x15	48	—	42	3860	S1	E
3	BG42x15	60	—	37.4	3300	S1	E
4	BG42x15	80	—	40.2	3600	S1	E
5	BG42x30	40	—	72	4000	S1	E
6	BG42x30	48	—	65.4	3700	S1	E
7	BG42x30	60	—	64.7	3650	S1	E
8	BG42x30	100	—	67.8	3800	S1	E
9	BG42x30	120	—	65.3	3650	S1	E
10	BG42x30	160	—	69.7	3950	S1	E
11	<b>BG42x15 dCore</b>	<b>40</b>	<b>—</b>	<b>45.7</b>	<b>4120</b>	<b>S1</b>	<b>E</b>
12	<b>BG42x15 dCore</b>	<b>48</b>	<b>—</b>	<b>42</b>	<b>3860</b>	<b>S1</b>	<b>E</b>
13	<b>BG42x15 dCore</b>	<b>60</b>	<b>—</b>	<b>37.4</b>	<b>3300</b>	<b>S1</b>	<b>E</b>
14	<b>BG42x15 dCore</b>	<b>80</b>	<b>—</b>	<b>40.2</b>	<b>3600</b>	<b>S1</b>	<b>E</b>
15	<b>BG42x30 dCore</b>	<b>40</b>	<b>—</b>	<b>72</b>	<b>4000</b>	<b>S1</b>	<b>E</b>

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CHINA QUALITY CERTIFICATION CENTRE

# CERTIFICATE OF PRODUCT CERTIFICATION

## TYPE II CQC CERTIFICATION

### APPENDIX

Page 2 of 12

CERTIFICATE NO. : CQC2009010401351118

PAPER:

序号	型号	额定电压 (VDC)	额定频率 (Hz)	额定功率 (W)	实际转速 (r/min)	工作制	绝缘等级
16	BG42x30 dCore	48	—	65.4	3700	S1	E
17	BG42x30 dCore	60	—	64.7	3650	S1	E
18	BG42x30 dCore	100	—	67.8	3800	S1	E
19	BG42x30 dCore	120	—	65.3	3650	S1	E
20	BG42x30 dCore	160	—	69.7	3950	S1	E
21	BG45x15	40	—	63.5	3560	S1	E
22	BG45x15	48	—	50.6	3606	S1	E
23	BG45x15CI	40	—	63.5	3560	S1	E
24	BG45x15MI	40	—	63.5	3560	S1	E
25	BG45x15PI	40	—	63.5	3560	S1	E
26	BG45x15SI	40	—	49	3530	S1	E
27	BG45x30	40	—	104	3534	S1	E
28	BG45x30	60	—	81.2	3580	S1	E
29	BG45x30	100	—	85.9	3780	S1	E
30	BG45x30CI	40	—	104	3534	S1	E

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CHINA QUALITY CERTIFICATION CENTRE

# CERTIFICATE OF PRODUCT CERTIFICATION

## TYPE II CQC CERTIFICATION

### APPENDIX

Page 3 of 12

CERTIFICATE NO. : CQC2009010401351118

PAPER:

序号	型号	额定电压 (VDC)	额定频率 (Hz)	额定功率 (W)	实际转速 (r/min)	工作制	绝缘等级
31	BG45x30MI	40	—	104	3534	S1	E
32	BG45x30PI	40	—	104	3534	S1	E
33	BG45x30SI	40	—	81.7	3620	S1	E
34	BG62x30	40	—	58.8	3300	S1	E
35	BG62x30	60	—	59	3300	S1	E
36	BG62x30	325	—	64.6	3250	S1	E
37	BG62x60	40	—	105.7	3530	S1	E
38	BG62x60	60	—	110	3680	S1	E
39	BG62x60	120	—	96.6	3225	S1	E
40	BG62x60	180	—	104.5	3490	S1	E
41	BG62x60	220	—	100.9	3370	S1	E
42	BG62x60	325	—	110.8	3715	S1	E
43	BG62Sx30	40	—	63	3000	S1	E
44	BG62Sx30	60	—	62.4	3000	S1	E
45	BG62Sx30	120	—	63	3110	S1	E

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CHINA QUALITY CERTIFICATION CENTRE

# CERTIFICATE OF PRODUCT CERTIFICATION

## TYPE II CQC CERTIFICATION

### APPENDIX

Page 4 of 12

CERTIFICATE NO. : CQC2009010401351118

PAPER:

序号	型号	额定电压 (VDC)	额定频率 (Hz)	额定功率 (W)	实际转速 (r/min)	工作制	绝缘等级
46	BG62S×30	270	—	56	3000	S1	E
47	BG62S×30	325	—	54	2990	S1	E
48	BG62S×45	40	—	96	3320	S1	E
49	BG62S×45	60	—	91	3210	S1	E
50	BG62S×45	110	—	93	3290	S1	E
51	BG62S×45	325	—	82	3140	S1	E
52	BG62S×60	40	—	128	3350	S1	E
53	BG62S×60	60	—	125	3350	S1	E
54	BG62S×60	120	—	125	3350	S1	E
55	BG62S×60	240	—	117	3350	S1	E
56	BG62S×60	325	—	124	3420	S1	E
57	BG62×30 dCore	40	—	63	3000	S1	E
58	BG62×30 dCore	60	—	62.4	3000	S1	E
59	BG62×30 dCore	120	—	63	3110	S1	E
60	BG62×30 dCore	270	—	56	3000	S1	E

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CHINA QUALITY CERTIFICATION CENTRE

# CERTIFICATE OF PRODUCT CERTIFICATION

## TYPE II CQC CERTIFICATION

### APPENDIX

Page 5 of 12

CERTIFICATE NO. : CQC2009010401351118

PAPER:

序号	型号	额定电压 (VDC)	额定频率 (Hz)	额定功率 (W)	实际转速 (r/min)	工作制	绝缘等级
61	BG62x30 dCore	325	—	54	2990	S1	E
62	BG62x45 dCore	40	—	96	3320	S1	E
63	BG62x45 dCore	60	—	91	3210	S1	E
64	BG62x45 dCore	110	—	93	3290	S1	E
65	BG62x45 dCore	325	—	82	3140	S1	E
66	BG62x60 dCore	40	—	128	3350	S1	E
67	BG62x60 dCore	60	—	125	3350	S1	E
68	BG62x60 dCore	120	—	125	3350	S1	E
69	BG62x60 dCore	240	—	117	3350	S1	E
70	BG62x60 dCore	325	—	124	3420	S1	E
71	BG65x25	40	—	55.5	2950	S1	E
72	BG65x25	60	—	62	3300	S1	E
73	BG65x25	110	—	66	3449	S1	E
74	BG65x25	150	—	62	3215	S1	E
75	BG65x25CI	40	—	55.5	2950	S1	E

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CHINA QUALITY CERTIFICATION CENTRE

# CERTIFICATE OF PRODUCT CERTIFICATION

## TYPE II CQC CERTIFICATION

### APPENDIX

Page 6 of 12

CERTIFICATE NO. : CQC2009010401351118

PAPER:

序号	型号	额定电压 (VDC)	额定频率 (Hz)	额定功率 (W)	实际转速 (r/min)	工作制	绝缘等级
76	BG65x25MI	40	—	55.5	2950	S1	E
77	BG65x25PI	40	—	55.5	2950	S1	E
78	BG65x25SI	40	—	52	2750	S1	E
79	BG65Sx25CI	40	—	131	3200	S1	E
80	BG65Sx25MI	40	—	131	3200	S1	E
81	BG65Sx25PI	40	—	131	3200	S1	E
82	BG65Sx25SI	40	—	108	2700	S1	E
83	BG65x50	40	—	96.7	3300	S1	E
84	BG65x50	60	—	85	2900	S1	E
85	BG65x50	110	—	93	3180	S1	E
86	BG65x50	130	—	100	3400	S1	E
87	BG65x50	160	—	97	3300	S1	E
88	BG65x50	270	—	82	3110	S1	E
89	BG65x50CI	40	—	91	3120	S1	E
90	BG65x50MI	40	—	91	3120	S1	E

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CHINA QUALITY CERTIFICATION CENTRE

# CERTIFICATE OF PRODUCT CERTIFICATION

## TYPE II CQC CERTIFICATION

### APPENDIX

Page 7 of 12

CERTIFICATE NO. : CQC2009010401351118

PAPER:

序号	型号	额定电压 (VDC)	额定频率 (Hz)	额定功率 (W)	实际转速 (r/min)	工作制	绝缘等级
91	BG65x50PI	40	—	91	3120	S1	E
92	BG65x50SI	40	—	94	3200	S1	E
93	BG65Sx50CI	40	—	236	3570	S1	E
94	BG65Sx50MI	40	—	236	3570	S1	E
95	BG65Sx50PI	40	—	236	3570	S1	E
96	BG65Sx50SI	40	—	171	3210	S1	E
97	BG65x75	42	—	120	2860	S1	E
98	BG65x75	60	—	118	2830	S1	E
99	BG65x75	80	—	109	2600	S1	E
100	BG65x75	110	—	134	3200	S1	E
101	BG65x75	180	—	103	2800	S1	E
102	BG65x75	180	—	112	2900	S1	E
103	BG65x75	325	—	96	2400	S1	E
104	BG65x75	325	—	140	3500	S1	E
105	BG65x75CI	42	—	121	2900	S1	E

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CHINA QUALITY CERTIFICATION CENTRE



# CERTIFICATE OF PRODUCT CERTIFICATION

## TYPE II CQC CERTIFICATION

### APPENDIX

Page 8 of 12

CERTIFICATE NO. : CQC2009010401351118

PAPER:

序号	型号	额定电压 (VDC)	额定频率 (Hz)	额定功率 (W)	实际转速 (r/min)	工作制	绝缘等级
106	BG65x75MI	42	—	121	2900	S1	E
107	BG65x75PI	42	—	121	2900	S1	E
108	BG65x75SI	42	—	115	2750	S1	E
109	BG65Sx25	40	—	113	3200	S1	E
110	BG65Sx25	60	—	107.2	3000	S1	E
111	BG65Sx25	100	—	110	3300	S1	E
112	BG65Sx25	180	—	114	3475	S1	E
113	BG65Sx50	40	—	186	3480	S1	E
114	BG65Sx50	60	—	192	3670	S1	E
115	BG65Sx50	100	—	174	3250	S1	E
116	BG65Sx50	325	—	173	3200	S1	E
117	BG75x25	40	—	240	3650	S1	E
118	BG75x25	60	—	220	3350	S1	E
119	BG75x25	120	—	228	3450	S1	E
120	BG75x25	325	—	220	3400	S1	E

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CHINA QUALITY CERTIFICATION CENTRE

# CERTIFICATE OF PRODUCT CERTIFICATION

## TYPE II CQC CERTIFICATION

### APPENDIX

Page 9 of 12

CERTIFICATE NO. : CQC2009010401351118

PAPER:

序号	型号	额定电压 (VDC)	额定频率 (Hz)	额定功率 (W)	实际转速 (r/min)	工作制	绝缘等级
121	BG75x25CI	40	—	284	3820	S1	E
122	BG75x25MI	40	—	284	3820	S1	E
123	BG75x25PI	40	—	284	3820	S1	E
124	BG75x25SI	40	—	284	3820	S1	E
125	BG75x50	40	—	400	3500	S1	E
126	BG75x50	110	—	388	3360	S1	E
127	BG75x50	325	—	411	3570	S1	E
128	BG75x50CI	40	—	400	3900	S1	E
129	BG75x50MI	40	—	400	3900	S1	E
130	BG75x50PI	40	—	400	3900	S1	E
131	BG75x50SI	40	—	400	3900	S1	E
132	BG75x75	40	—	530	3370	S1	E
133	BG75x75	60	—	582	3708	S1	E
134	BG75x75	110	—	522	3304	S1	E
135	BG75x75	325	—	540	3480	S1	E

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CHINA QUALITY CERTIFICATION CENTRE

# CERTIFICATE OF PRODUCT CERTIFICATION

## TYPE II CQC CERTIFICATION

### APPENDIX

Page 10 of 12

CERTIFICATE NO. : CQC2009010401351118

PAPER:

序号	型号	额定电压 (VDC)	额定频率 (Hz)	额定功率 (W)	实际转速 (r/min)	工作制	绝缘等级
136	BG75x75	325	—	546	3480	S1	E
137	BG75x75CI	40	—	450	3700	S1	E
138	BG75x75MI	40	—	450	3700	S1	E
139	BG75x75PI	40	—	450	3700	S1	E
140	BG75x75SI	40	—	450	3700	S1	E
141	BG95x40 dCore	48	—	701	3940	S1	E
142	BG95x40 dPro I/O	48	—	876	3910	S1	E
143	BG95x40 dPro CO	48	—	876	3910	S1	E
144	BG95x40 dPro MB	48	—	876	3910	S1	E
145	BG95x80 dPro I/O	48	—	967	4015	S1	E
146	BG95x80 dPro CO	48	—	967	4015	S1	E
147	BG95x80 dPro MB	48	—	967	4015	S1	E
148	BG95x80 dCore	48	—	1044	3800	S1	E
149	BG95x40 dCore	60	—	716	4080	S1	E
150	BG95x40 dPro I/O	60	—	812	4260	S1	E

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CHINA QUALITY CERTIFICATION CENTRE

# CERTIFICATE OF PRODUCT CERTIFICATION

## TYPE II CQC CERTIFICATION

### APPENDIX

Page 11 of 12

CERTIFICATE NO. : CQC2009010401351118

PAPER:

序号	型号	额定电压 (VDC)	额定频率 (Hz)	额定功率 (W)	实际转速 (r/min)	工作制	绝缘等级
151	BG95x40 dPro CO	60	—	812	4260	S1	E
152	BG95x40 dPro MB	60	—	812	4260	S1	E
153	BG95x40 dPro I/O	60	—	859	4120	S1	E
154	BG95x40 dPro CO	60	—	859	4120	S1	E
155	BG95x40 dPro MB	60	—	859	4120	S1	E
156	BG95x80 dCore	60	—	1040	3830	S1	E
157	BG95x80 dPro I/O	60	—	1077	4082	S1	E
158	BG95x80 dPro CO	60	—	1077	4082	S1	E
159	BG95x80 dPro MB	60	—	1077	4082	S1	E
160	BG95x40 dCore	110	—	695	3880	S1	E
161	BG95x80 dCore	110	—	1053	3810	S1	E
162	BG95x40 dCore	325	—	710	3940	S1	E

注：序号 10#-20#、57#-70#为本次申请新增型号，新增型号在原证书范围内，无需补做差异试验。

单元型号命名说明：

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CHINA QUALITY CERTIFICATION CENTRE

# CERTIFICATE OF PRODUCT CERTIFICATION

## TYPE II CQC CERTIFICATION

### APPENDIX

Page 12 of 12

CERTIFICATE NO. : CQC2009010401351118

PAPER:

BG 75 S × 75 #  
1 2 3 4 5

1—直流无刷电动机

2—电机外壳直径或外壳方形尺寸

3—空白或 S。其中

空白：普通磁铁 normal magnet

S：强磁铁 stronger magnet

4—堆栈长度（Stack Length）

5—电子类型（electronic type）

其中：空白：基本电机

SI：速度控制器集成电子器件

PI：参数化用户界面集成电子器件

CI：CANopen 界面电子器件

MI：加强版 CI，集成 PLC 功能

dPro I/O：控制器&数字输入和数字输出接口；

dPro CO：控制器&CAN OPEN 接口；

dPro MB：控制器& MOD BUS 接口。

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CHINA QUALITY CERTIFICATION CENTRE