TÜV SÜD ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

Attestation of Conformity

No. ROHS8 085387 0022 Rev. 00

Holder of Certificate: **DKM Motor Co., Ltd.**
292, Yeomjeon-ro, Michuhol-gu
Incheon 22117
REPUBLIC OF KOREA

Product: **Electric Motors**

Tested according to:
EN 62321-1:2013
EN 62321-2:2014
EN 62321-3-1:2014
EN 62321-3-2:2014
EN 62321-4:2014
EN 62321-5:2014
EN 62321-6:2015
EN 62321-7-1:2015
EN 62321-7-2:2017
EN 62321-8:2017

The product was tested according to the European Directive 2011/65/EU concerning RoHS and additionally according to Directive (EU) 2015/863 to amend Annex II of the above mentioned Directive with 4 additional substances.
Pb, Hg, Cd, Cr(VI), PBBs and PBDEs could not be detected over the limit defined by the European Directive 2011/65/EU.
DEHP, BBP, DBP and DIBP could not be detected over the limit defined by the European Directive (EU) 2015/863.

This Attestation of Conformity confirms the compliance with the listed requirements on a voluntary basis. It refers only to the sample submitted and does not certify the quality or safety of the serial products. See also notes overleaf.

Test report no.: CPSE01201619

Date, 2019-07-22 (Brian Cha)

After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. Other relevant directives have to be observed.

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Model(s): **6rDst-uvw-xy z, 7rDst-uvw-xy z, 8rDst-uvw-xy z, 9rDst-uvw-xy z, 10rDst-uvw-xy z**

1) 'r' stands for motor type as following table.

Code	Motor type
I	Induction motor
R	Reversible motor
B	Brake motor
Cl	Clutch and brake motor
T	Torque motor
S	Speed control induction motor
SR	Speed control reversible motor
SB	Speed control brake motor
CS	Speed control Clutch and brake motor

2) 's' stands for shaft type as following table.

Code	Shaft type
G	Gear type
D	D-Cut type
S	Straight type
K	Key type

3) 't' stands for voltage and frequency type as following table.

Code	Voltage and frequency type, without thermal protector
1	110 V~, 60 Hz
2	220 V~, 60 Hz
3	220-230 V 3~, 50/60 Hz
4	380-400 V 3~, 50/60 Hz
5	415-440 V 3~, 50/60 Hz
6	220/380 V 3~, 60 Hz
7	230/400 V 3~, 50 Hz
8	440 V 3~, 50/60 Hz

Code	Voltage and frequency type, with thermal protector
A	110 V~, 60 Hz
D	220 V~, 60 Hz
E	220-240 V~, 50 Hz
G	220-230 V 3~, 50/60 Hz
K	380-400 V 3~, 50/60 Hz
L	415-440 V 3~, 50/60 Hz

4) 'u' stands for rated output power. It can be '3' to '400' as '3W' to '400 W' respectively.

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Model(s):

5) 'v' stands for 'F', 'F2' or blank according to fan type.

6) 'w' stands for gearbox type as following table.

Code	Gearbox
G	General gearbox
H	High powerful gearbox
W	Worm solid gearbox
P	Powerful gearbox
U	Ultra powerful gearbox
WH	Worm hollow gearbox
Blank	Without gearbox

7) 'x' stands for 'A' or 'blank' according to pole.

8) 'y' stands for 'T' or 'blank' according to terminal box type.

9) 'z' stands for four digits(max.) with combination of numeric numbers and/or letters according to option of special type.

Parameters:

Rated voltage and frequency (without thermal protector):
110 V ~, 60 Hz; 220 V ~, 60 Hz; 220-230 V 3 ~, 50/60 Hz;
380-400 V 3 ~, 50/60 Hz; 415-440 V 3 ~, 50/60 Hz;
220/380 V 3 ~, 60 Hz; 230/400 V 3 ~, 50 Hz;
440 V 3 ~, 50/60 Hz

Rated voltage and frequency (with thermal protector):
110 V ~, 60 Hz; 220 V ~, 60 Hz; 220-240 V ~, 50 Hz;
220-230 V 3 ~, 50/60 Hz; 380-400 V 3 ~, 50/60 Hz;
415-440 V 3 ~, 50/60 Hz

After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. Other relevant directives have to be observed.

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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