



Translation

EC-Type Examination Certificate

- (1)
- (2) **- Directive 94/9/EC -
Equipment and protective systems intended for use
in potentially explosive atmospheres**
- (3) **BVS 04 ATEX E 037**
- (4) **Equipment: Three-phase motor with cage rotor type SK *** **/ 2D ***
- (5) **Manufacturer: Getriebebau Nord GmbH & Co. KG**
- (6) **Address: 22941 Bargteheide, Germany**
- (7) The design and construction of this equipment and any acceptable variation thereto are specified in the schedule to this type examination certificate.
- (8) The certification body of EXAM BBG Prüf- und Zertifizier GmbH, notified body no. 0158 in accordance with Article 9 of the Directive 94/9/EC of the European Parliament and the Council of 23 March 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II to the Directive.
The examination and test results are recorded in the test and assessment report BVS PP 04.2021 EG.
- (9) The Essential Health and Safety Requirements are assured by compliance with:
EN 50281-1-1:1998 +A1 Dust explosion protection
- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.
- (11) This EC-Type Examination Certificate relates only to the design, examination and tests of the specified equipment in accordance to Directive 94/9/EC.
Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate
- (12) The marking of the equipment shall include the following:

II 2D IP66 T 125 °C

EXAM BBG Prüf- und Zertifizier GmbH

Bochum, dated 05. February 2004

Signed: Dr. Jockers

Certification body

Signed: Dr. Eickhoff

Special services unit

(13) Appendix to

(14) **EC-Type Examination Certificate**

BVS 04 ATEX E 0037

(15) 15.1 Subject and type

Three-phase motors with cage rotors type SK *** */* 2D *

In the full type marking, the asterisks shall be replaced as follows:

Asterisks 1 to 3 state the shaft height (63 to 132)

Asterisk 4 defines performance within the shaft height (S, M or L)

Asterisk 5 states the number of poles (2, 4, 6 etc., at some high-performance types even 40 instead of 4)

Asterisk 6 states the direct temperature control (optional) (TF = posistor as sole protector)

15.2 Description

Though manufactured in the same version, the three-phase motors are available with different dimensions.

Optionally, the motors can be equipped with temperature sensors for direct temperature control of the stator coils (posistor DIN 44082).

15.3 Parameters

The parameters are defined according to the individual instruction manuals.

(16) Test and assessment report

BVS PP 04.2021 EG as of 05.02.2004

(17) Special conditions for safe use

None

We confirm the correctness of the translation from the German original.
In the case of arbitration only the German wording shall be valid and binding.

44809 Bochum, 04.06.2007

BVS-Ru/Ar E 0702/07

DEKRA EXAM GmbH



Certification body



Special services unit