

EC DECLARATION OF CONFORMITY

acc. to ATEX-Directive 94/9/EG (ATEX 95)
for three-phase cage motors D.XC with type of explosion protection "tD"
dust explosion protected for Zone 21 T120°C

B 320.1100-15 E Rev.: 11/06 EE-gr/ef

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Three-phase cage motors of type series

D.XC06, D.XC08, D.XC09, D.XC11, D.XC13, D.XC16, D.XC18

of explosion protection II 2D Ex tD A21 IP6X T 120 °C acc. to EN 61241-0 and EN 61241-1

optionally with built-on tacho generator or back stop

comply with the requirements of the following European Directive(s) in their latest version

94/9/EG

Directive of the European Parliament and the Council on the approximation of the laws of the Member States concerning equipment and protective systems intended for use in potentially explosive atmospheres

proved by EC Type-Examination Certification (EC Prototype Test Certificate)

by the Notified Body EXAM BBG(0158)

BVS 04 ATEX E 128

and compliance with the following standards and regulations:

"Electrical apparatus for use in the presence of combustible dust"

EN 61241-0:2006 Electrical apparatus for use in the presence of combustible dust: General requirements

EN 61241-1:2004 Electrical apparatus for use in the presence of combustible dust: Protection by enclosures "tD"

Notes:

The maximum surface temperature of the enclosure (related to ambient temperature 40 °C) is well below 120 °C.

The drive units can be used in areas with combustible dusts having an

ignition temperature of a cloud > 180 °C

ignition temperature of a 5 mm layer > 195 °C.

Frequency Inverters for installation outside classified areas:

Frequency inverters of Danfoss type series VLT 2800; 5000; 6000; FCD 300; FC 300.

Frequency Inverters of other make shall comply with the requirements of BAUER Operating Instructions 170..E

Installer and user must observe installation rules EN 61241-14 such as:

- For both feeding from the mains or via inverter supply the motor winding thermistors together with a function tested relay must be used as sole means of overload protection.
- Cable inlets must at least comply with degree of protection IP6X in accordance with EN 60529 in order to be dust protected.

The safety instructions in the documentation attached to the product (e. g. operating instructions) must be followed.

Esslingen, date of the initial edition 18.11.2004

Bauer Gear Motor GmbH



i.V. Hanel
(Leiter IM)



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This declaration certifies the compliance with the indicated directives but implies no warranty of properties. The technical documentation is produced and administered by Bauer Gear Motor GmbH

THE GEAR MOTOR SPECIALIST

An Altra Industrial Motion Company

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