

## EC DECLARATION OF CONFORMITY

acc. to ATEX-Directive 94/9/EG (ATEX 95)  
for three-phase cage motors with type of explosion protection "e"  
and in special design for explosive areas with combustible dusts II 2 D

B 320.1200-15 E Rev.: 11/06 EE-gr/ef  
File : KonfErkl\_ATEX\_e\_tD\_B320\_1200\_15\_EN.doc

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#### Three-phase cage motors of type series

#### **DXE06, DXE08, DXE09, DXE11, DXE13, DXE16**

#### **with type of protection "e" and in special design for explosive areas with combustible dust II 2 D**

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 PTB (Identification No. 0102):

D.XE06 PTB 08 ATEX 3048      D.XE08 PTB 08 ATEX 3049      D.XE09 PTB 08 ATEX 3050  
D.XE11 PTB 08 ATEX 3051      D.XE13 PTB 08 ATEX 3052      D.XE16 PTB 08 ATEX 3053

and by compliance with the following standards and regulations:

EN 60079-0:2006 Electrical apparatus for explosive gas atmospheres: General requirements  
EN 60079-7:2007 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

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:

Gear units marked **II 2 G Ex e II T3 / II 2D Ex tD A21 IP6X T 120 °C**  
may be used in areas with potential hazard by:

- Gas explosions in Zones 1 and 2 (Categories 2 and 3), Temperature Class T3**  
Selection of output power, input speed and mounting arrangement as specified by Danfoss Bauer technical staff
- Dust explosions in Zones 21 and 22 (Categories 2 and 3), ignition temperature (layer and cloud) > 195 °C**  
for all listed mounting arrangements and input speeds up to 3000 r/min
- Explosions in such Zones by hybrid mixtures** consisting of explosive gas and combustible dust, provided the ignition characteristics of the mixture (e.g. the ignition temperatures) are not more unfavourable than the characteristics of the components of the mixture.

Installer and user must observe installation rules EN 60079-14 resp. EN 61241-14:

In case of duty in **gas explosion areas II 2 G and II 3 G** the motor winding is to be protected by means of a functionally tested current dependent time delayed overload device (bi-metal relay) as sole protection. The motor internal thermistors are only permitted as additional protection.

In case of duty in **dust explosive areas II 2 D and II 3 D** the motor internal thermistors together with a functionally tested monitoring device are to be used for sole protection.

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

Esslingen, Datum der Erstausgabe 18.11.2004  
Bauer Gear Motor GmbH



i.V. Hanel  
(Leiter IM)



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(Leiter EE)

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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