

## 1st SUPPLEMENT

according to Directive 94/9/EC Annex III.6

to EC-TYPE-EXAMINATION CERTIFICATE PTB 08 ATEX 3053

(Translation)

Equipment: Three-phase motor, type.../D.X..16...-.../....

Marking:  II 2 G Ex e IIC T1 - T4 Gb /  
II 2 D Ex tb IIIC T160 °C - T 120 °C Db

Manufacturer: Bauer Gear Motor GmbH

Address: Eberhard-Bauer-Straße 36-60, 73734 Esslingen, Germany

### Description of supplements and modifications

The .../D.XE.13... series has been modified to meet the requirements of the EN 60079 series of standards and their marking requirements. It comprises the size 160. This motor series can, in addition, be used under dust explosion protection conditions. The letter "C" is added at the 4th digit of the type code.

Except for the external fan in aluminium or grey cast iron, the mechanical and structural design of the motor remains unchanged.

The above motor series can alternatively come without cooling ribs on the enclosure surface.

Since the company name has changed, the certified equipment of

Danfoss Bauer GmbH,  
Eberhard-Bauer-Str. 36 - 60  
73734 Esslingen, Germany

is marked with the new company name

Bauer Gear Motor GmbH  
Eberhard-Bauer-Str. 36 - 60  
73734 Esslingen, Germany

The range of ambient temperatures is 40 °C down to -20 °C. This temperature range may be extended to 60 °C down to -20 °C with a special electrical or thermal design in which suitable terminal boxes, materials and attached or installed components are used, or with the data sheet for the electrical ratings.

## Notes for manufacturing and operation

Parts that are attached or installed (e.g. bushings, cable glands, connectors) shall be of a technical standard that complies with the specifications on the cover sheet. They must be suited for the operating conditions and come with a separate examination certificate. The special conditions have to be observed and included in the type test, if necessary.

The motors shall be attached to gearbox housings so that enclosure protection IP66 is ensured and the requirements in EN 60079-0:2012 are complied with.

## Applied standards

EN 60079-0:2012, EN 60079-7:2007, EN 60079-31:2009

Test report: PTB Ex 13-32081

Zertifizierungssektor Explosionsschutz  
On behalf of PTB:

Braunschweig, August 09, 2013



Dr.-Ing. F. Lienesch  
Regierungsdirektor

