

according to ATEX Directive 2014/34/EU  
Permanent magnet three-phase synchronous motors  
with the type of protection type „nA“ for Zone 2 or „t“ for Zone 22

B 320.1100-18 Version: 12/2016  
File: 2016\_KonfErkl\_ATEX\_PMSM\_nA\_t\_B320\_1100\_18\_EN

## Bauer Gear Motor GmbH

Postfach 10 02 08  
73726 Esslingen (Germany)  
Eberhard-Bauer-Str. 37  
73734 Esslingen (Germany)  
Telephone: +49 711 35 18 0  
Fax: +49 711 35 18 381  
Email: [info@bauergears.com](mailto:info@bauergears.com)  
Website: [www.bauergears.com](http://www.bauergears.com)

### Bauer Gear Motor GmbH

Eberhard-Bauer-Str. 37, 73734 Esslingen (Germany)

hereby declares on its sole responsibility conformity of the following products:

#### Permanent magnet three-phase synchronous motor series



.../S.X..S06..., .../S.XS..08..., .../S.X..S09..., .../S.X..S11..., .../S.X..S13..., .../S.X..16... und .../S.X..18...

where necessary, in conjunction with

the gear series:

helical gear drives BG..., flat gears BF..., bevel gears BK..., worm gears BS..., electric monorail gears BM..

Category: 3G or 3D

Marking:  II 3 G Ex nA IIC T1...T3 Gc or/and  
 II 3 D Ex tc IIIC T160°C...120°C Dc

with the requirements of the European Directive

#### **DIRECTIVE 2014/34/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014 on the harmonisation of the laws of the Member States relating to equipment and protective systems intended for use in potentially explosive atmospheres**

Published on 29 March 2014 in the Official Journal of the EU No. L 96/309

QA system in accordance with RL 2014/34/EU Appendix IV certified by TÜV Rheinland Industrie Service GmbH  
Notified under No. 0035

The object of declaration as described above is in conformity with the pertinent harmonisation legislation of the Union, demonstrated by compliance with the following harmonised standards

<b>EN 60079-0:2012</b>	General requirements
<b>EN 60079-15:2010</b>	Equipment protection by type of protection „n“
<b>EN 60079-31:2009</b>	Equipment dust ignition protection by enclosure „t“
<b>EN 60034-1:2011</b>	Rotating electrical machines - Part 1: Rating and performance

Esslingen 7 December 2016

Bauer Gear Motor GmbH



K.P. Simon  
(Managing Director and President)



P. Cagan  
(Quality Director)

This declaration does not constitute a guarantee of features or performance with regard to product liability.  
The technical documentation is produced and administered by Bauer Gear Motor GmbH

according to ATEX Directive 2014/34/EU  
 for three-phase motors with the type of protection „d“ or „de“  
 for Zone 1 or „t“ for Zone 21

## Bauer Gear Motor GmbH

Postfach 10 02 08  
 73726 Esslingen (Germany)  
 Eberhard-Bauer-Str. 37  
 73734 Esslingen (Germany)  
 Telephone: +49 711 35 18 0  
 Fax: +49 711 35 18 381  
 Email: info@bauergears.com  
 Website: www.bauergears.com

B 320.1300-05 Version: 12/2016  
 File : 2016\_KonfErkl\_ATEX\_d\_t\_B320\_1300\_05\_EN

### Bauer Gear Motor GmbH

Eberhard-Bauer-Str. 37, 73734 Esslingen (Germany)

hereby declares on its sole responsibility conformity of the following products:

#### Three-phase squirrel cage motor series

**DNFXD06.., DNFXD07.., DNFXD08.., DNFXD09.., DNFXD10.., DNFXD11.., DNFXD13.., DNFXD16.., DNFXD18.., DNFXD20.., DNFXD22.., DNFXD25.., DNFXD28.., DNFXD31..**



**Type examination certificates: PTB 09 ATEX 1050X; PTB 09 ATEX 1051X; PTB 09 ATEX 1052X; PTB 09 ATEX 1053X; Notified Body No. 0102 PTB-Braunschweig if**

where necessary, in conjunction with

#### the gear series:

**helical gear drives BG.., flat gears BF.., bevel gears BK.., worm gears BS.., electric monorail gears BM..**

**Category:** 2G or 2D

**Marking:**  II 2 G Ex d IIC T3...T4 Gb hesitate II 2 G Ex de IIC T3...T4 Gb and/or  II 2 D Ex tb IIIC T200°C...T120°C Db

with the requirements of the European Directive

DIRECTIVE 2014/34/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014 on the harmonisation of the laws of the Member States relating to equipment and protective systems intended for use in potentially explosive atmospheres.  
 Published on 29 March 2014 in the Official Journal of the EU No. L 96/309

QA system in accordance with RL 2014/34/EU Appendix IV certified by TÜV Rheinland Industrie Service GmbH  
 Notified under No. 0035

The object of declaration as described above is in conformity with the pertinent harmonisation legislation of the Union, demonstrated by compliance with the following harmonised standards

EN 60079-0:2012	General Requirements
EN 60079-1:2007	Flameproof enclosures „d“
EN 60079-7:2007	Increased safety „e“
EN 60079-31:2009	Equipment dust ignition protection by enclosure „t“
EN 60034-1:2010	Rotating electrical machines - Part 1: Rating and performance

Several of the standards mentioned in the associated EC type examination certificate have already been replaced by new versions. The manufacturer hereby declares that the product also complies with the requirements of the new standards based on performed tests.

Esslingen 7 December 2016  
 Bauer Gear Motor GmbH

  
 K.P. Simon  
 (Managing Director and President)

  
 P. Cagan  
 (Quality Director)

This declaration does not constitute a guarantee of features or performance with regard to product liability.  
 The technical documentation is produced and administered by Bauer Gear Motor GmbH.

according to ATEX Directive 2014/34/EU  
for three-phase motors with the type of protection „d“ or „de“ for  
Zone 1 or „t“ for Zone 21

**Bauer Gear Motor GmbH**

Postfach 10 02 08  
73726 Esslingen (Germany)  
Eberhard-Bauer-Str. 37  
73734 Esslingen (Germany)  
Telephone: +49 711 35 18 0  
Fax: +49 711 35 18 381  
Email: info@bauergears.com  
Website: www.bauergears.com

B 320.1300-06 Versio: 12/2016  
File: 2016\_KonfErkl\_ATEX\_d\_t\_B320\_1300\_06\_EN

**Bauer Gear Motor GmbH**

Eberhard-Bauer-Str. 37, 73734 Esslingen (Germany)

hereby declares on its sole responsibility conformity of the following products:

**three phase squirrel cage motors with built-in brake series DNF XD08..B, DNF XD09..B,  
DNF XD10..B, DNF XD11..B, DNF XD13..B**



Type examination certificates: PTB 09 ATEX 1054 X; Notified Body No. 0102 PTB-Braunschweig

where necessary, in conjunction with

the gear series:

**helical gear drives BG.., flat gears BF.., bevel gears BK.., worm gears BS.., electric monorail gears BM..**

**Category:** 2G or 2D

**Marking:**  II 2 G Ex d IIB+H<sub>2</sub> T3...T4 Gb respectively II 2 G Ex de IIB+H<sub>2</sub> T3..T4 Gb or/and  
 II 2 D Ex tb IIIC T200° C-T120° C Db

with the requirements of the European Directive

**DIRECTIVE 2014/34/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014  
on the harmonisation of the laws of the Member States relating to equipment and protective systems intended  
for use in potentially explosive atmospheres.**

Published on 29 March 2014 in the Official Journal of the EU No. L 96/309.

QA system in accordance with RL 2014/34/EU Appendix IV certified by TÜV Rheinland Industrie Service GmbH  
Notified under No. 0035


The object of declaration as described above is in conformity with the pertinent harmonisation legislation of the Union,  
demonstrated by compliance with the following harmonised standards

<b>EN 60079-0:2012</b>	General Requirements
<b>EN 60079-1:2007</b>	Flameproof enclosures „d“
<b>EN 60079-7:2007</b>	Increased safety „e“
<b>EN 60079-31:2009</b>	Equipment dust ignition protection by enclosure „t“
<b>EN 60034-1:2010</b>	Rotating electrical machines - Part 1: Rating and performance

Several of the standards mentioned in the associated EC type examination certificate have already been replaced by  
new versions. The manufacturer hereby declares that the product also complies with the requirements of the new stan-  
dards based on performed tests.

Esslingen 7 December 2016

Bauer Gear Motor GmbH



K.P. Simon  
(Managing Director and President)



P. Cagan  
(Quality Director)

This declaration does not constitute a guarantee of features or performance with regard to product liability.  
The technical documentation is produced and administered by Bauer Gear Motor GmbH.

according to ATEX Directive 2014/34/EU  
 for three-phase motors with the type of protection "e"  
 for Zone 1 or "t" for Zone 21

## Bauer Gear Motor GmbH

Postfach 10 02 08  
 73726 Esslingen (Germany)  
 Eberhard-Bauer-Str. 37  
 73734 Esslingen (Germany)  
 Telephone: +49 711 35 18 0  
 Fax: +49 711 35 18 381  
 Email: info@bauergears.com  
 Website: www.bauergears.com

B 320.1200-15 Version: 12/2016  
 File: 2016\_KonfErkl\_ATEX\_e\_t\_B320\_1200\_15\_EN

### Bauer Gear Motor GmbH

Eberhard-Bauer-Str. 37, 73734 Esslingen (Germany)

hereby declares on its sole responsibility conformity of the following products:

**three-phase motor series .../D.X..06..., .../D.X..08..., .../D.X..09..., .../D.X..11..., .../D.X..13...,  
 .../D.X..16... und .../D.X..18...**

Type examination certificates, first supplement to:

PTB 08 ATEX 3048; PTB 08 ATEX 3049; PTB 08 ATEX 3050; PTB 08 ATEX 3051; PTB 08 ATEX 3052;

PTB 08 ATEX 3053; PTB 08 ATEX 3054; PTB 08 ATEX 3057 X;



Notified Body No. 0102 PTB-Braunschweig

where necessary, in conjunction with

the gear series:

helical gear drives BG., flat gears BF., bevel gears BK., worm gears BS., electric monorail gears BM..

Category: 2G or 2D

Kennzeichnung:  II 2 G Ex e IIC T1...T4 Gb and/or  
 II 2 D Ex tb IIIC T160°C...120°C Db

with the requirements of the European Directive

**DIRECTIVE 2014/34/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014  
 on the harmonisation of the laws of the Member States relating to equipment and protective systems intended  
 for use in potentially explosive atmospheres.**

Published on 29 March 2014 in the Official Journal of the EU No. L 96/309.

QA system in accordance with RL 2014/34/EU Appendix IV certified by TÜV Rheinland Industrie Service GmbH  
 Notified under No. 0035

The object of declaration as described above is in conformity with the pertinent harmonisation legislation of the Union,  
 demonstrated by compliance with the following harmonised standards:

<b>EN 60079-0:2012</b>	General requirements
<b>EN 60079-7:2007</b>	Equipment protection by increased safety
<b>EN 60079-31:2009</b>	Equipment dust ignition protection by enclosure "t"
<b>EN 60034-1:2011</b>	Rotating electrical machines - Part 1: Rating and performance

Esslingen 7 December 2016

Bauer Gear Motor GmbH



K.P. Simon  
 (Managing Director and President)



P. Cagan  
 (Quality Director)

This declaration does not constitute a guarantee of features or performance with regard to product liability.  
 The technical documentation is produced and administered by Bauer Gear Motor GmbH.

according to ATEX Directive 2014/34/EU  
for three-phase motors with the type of protection "nA" for Zone  
2 or "t" for Zone 22

B 320.1100-14 Version: 12/2016  
File: 2016\_KonfErkl\_ATEX\_nA\_t\_B320\_1100\_14\_EN

## Bauer Gear Motor GmbH

Postfach 10 02 08  
73726 Esslingen (Germany)  
Eberhard-Bauer-Str. 37  
73734 Esslingen (Germany)  
Telephone: +49 711 35 18 0  
Fax: +49 711 35 18 381  
Email: [info@bauergears.com](mailto:info@bauergears.com)  
Website: [www.bauergears.com](http://www.bauergears.com)

### Bauer Gear Motor GmbH

Eberhard-Bauer-Str. 37, 73734 Esslingen (Germany)

hereby declares on its sole responsibility conformity of the following products:



**three-phase motor series** .../D.X..04..., D.X..05..., .../D.X..06..., .../D.X..07..., .../D.X..08...,  
.../D.X..09..., .../D.X..11..., .../D.X..13..., .../D.X..16... und .../D.X..18...

where necessary, in conjunction with

the gear series:

helical gear drives BG..., flat gears BF..., bevel gears BK..., worm gears BS..., electric monorail gears BM...

Category: 3G or 3D

Marking:  II 3G Ex nA IIC T1...T3 Gc and/or  
 II 3D Ex tc IIIC T160°C...120°C Dc

with the requirements of the European Directive

**DIRECTIVE 2014/34/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014  
on the harmonisation of the laws of the Member States relating to equipment and protective systems intended  
for use in potentially explosive atmospheres.**

Published on 29 March 2014 in the Official Journal of the EU No. L 96/309.

QA system in accordance with RL 2014/34/EU Appendix IV certified by TÜV Rheinland Industrie Service GmbH  
Notified under No. 0035

The object of declaration as described above is in conformity with the pertinent harmonisation legislation of the Union,  
demonstrated by compliance with the following harmonised standards:

EN 60079-0:2012	General requirements
EN 60079-15:2010	Equipment protection by type of protection "n"
EN 60079-31:2009	Equipment dust ignition protection by enclosure "t"
EN 60034-1:2010 / AC:2010	Rotating electrical machines - Part 1: Rating and performance

Esslingen 7 December 2016

Bauer Gear Motor GmbH



K.P. Simon  
(Managing Director and President)



P. Cagan  
(Quality Director)

This declaration does not constitute a guarantee of features or performance with regard to product liability.  
The technical documentation is produced and administered by Bauer Gear Motor GmbH.

according to ATEX Directive 2014/34/EU  
 for permanent magnet three-phase synchronous motors  
 with the type of protection „e“ for Zone 1 or „t“ for Zone 21

## Bauer Gear Motor GmbH

Postfach 10 02 08  
 73726 Esslingen (Germany)  
 Eberhard-Bauer-Str. 37  
 73734 Esslingen (Germany)  
 Telephone: +49 711 35 18 0  
 Fax: +49 711 35 18 381  
 Email: info@bauergears.com  
 Website: www.bauergears.com

B 320.1200-16 Version: 12/2016  
 File: 2016\_KonfErkl\_ATEX\_PMSM\_e\_t\_B320\_1200\_16\_EN

### Bauer Gear Motor GmbH

Eberhard-Bauer-Str. 37, 73734 Esslingen (Germany)

hereby declares on its sole responsibility conformity of the following products:

#### Permanent magnet three-phase synchronous motor series

.../S.X..06..., .../S.X..08..., .../S.X..09..., .../S.X..11..., .../S.X..13..., .../S.X..16... und .../S.X..18...

Type examination certificates:

PTB 13 ATEX 3014 X; PTB 13 ATEX 3015 X; PTB 13 ATEX 3016 X; PTB 13 ATEX 3017 X;

PTB 13 ATEX 3018 X; PTB 13 ATEX 3019 X; PTB 13 ATEX 3020 X;



Notified Body No. 0102 PTB-Braunschweig

where necessary, in conjunction with

the gear series:

helical gear drives BG., flat gears BF., bevel gears BK., worm gears BS., electric monorail gears BM..

**Category:** 2G or 2D

**Marking:**  II 2 G Ex e IIC T1...T4 Gb and/or  
 II 2 D Ex tb IIIC T 160°C...120°C Db

with the requirements of the European Directive

**DIRECTIVE 2014/34/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014 on the harmonisation of the laws of the Member States relating to equipment and protective systems intended for use in potentially explosive atmospheres.**

Published on 29 March 2014 in the Official Journal of the EU No. L 96/309.

QA system in accordance with RL 2014/34/EU Appendix IV certified by TÜV Rheinland Industrie Service GmbH  
 Notified under No. 0035

The object of declaration as described above is in conformity with the pertinent harmonisation legislation of the Union, demonstrated by compliance with the following harmonised standards:

<b>EN 60079-0:2012</b>	General requirements
<b>EN 60079-7:2007</b>	Equipment protection by increased safety
<b>EN 60079-31:2009</b>	Equipment dust ignition protection by enclosure „t“
<b>EN 60034-1:2010 / AC:2010</b>	Rotating electrical machines - Part 1: Rating and performance

Esslingen 7 December 2016

Bauer Gear Motor GmbH



K.P. Simon  
 (Managing Director and President)



P. Cagan  
 (Quality Director)

This declaration does not constitute a guarantee of features or performance with regard to product liability.  
 The technical documentation is produced and administered by Bauer Gear Motor GmbH.