EU declaration of conformity

- Translation -
(english)

ZA75ex-GB 1902 Index 019

Manufacturer: **ZIEHL-ABEGG SE**
Heinz-Ziehl-Straße
74653 Künzelsau
Germany

The manufacturer is solely responsible for issuance of the declaration of conformity.
The products:

- **External rotor motor MK..**
  - with EC type approval certificates PTB 08 ATEX 3060, PTB 08 ATEX 3061, PTB 08 ATEX 3062 as electrical equipment for potentially explosive areas, ignition protection class “e” / “eb”
  - as electrical operating equipment for potentially explosive areas, ignition protection class “nA” / “ec”

- **Internal rotor motor**
  - with EC type approval certificate or EC declaration of conformity BG080_U58_BVS_13_ATEX_E_128_X, BG090_U58_BVS_13_ATEX_E_098_X, BG100_U58_BVS_13_ATEX_E_127_X, BG112_U58_BVS_13_ATEX_E_126_X, BG132_U58_BVS_13_ATEX_E_099_X, BG160_U58_BVS_13_ATEX_E_019_X, BG180_U58_BVS_13_ATEX_E_017_X, BG200_U58_BVS_13_ATEX_E_012_X, BG225_U58_BVS_12_ATEX_E_103_X, BG250_U58_BVS_11_ATEX_E_045_X and PTB 12 ATEX 3016 as electrical operating equipment for potentially explosive areas, ignition protection class “d” / “db”, “de” / “db eb”, “tb” and “tc”
  - with EC type approval certificate or EC declaration of conformity PTB 05 ATEX 3006, PTB 12 ATEX 3014 and BVS 14 ATEX E 081 as electrical operating equipment for potentially explosive areas, ignition protection class “nA” / “ec”
  - with EC type approval certificates or EC declarations of conformity Baseefa 13 ATEX 0016 X, Baseefa 13 ATEX 0079 X, Baseefa 13 ATEX 0288 X, Baseefa 14 ATEX 0208 X as electrical operating equipment for potentially explosive areas, ignition protection class “d”, “db”, “de”, “db eb” and "tb"
  - with EC type approval certificate or EC declaration of conformity CNEX 17 ATEX 0004 X as electrical operating equipment for potentially explosive areas, ignition protection class “db” and “tb”

- **Axial fan FB.. of Group II, Device Category 2G**
  with EC model test certificate ZELM 04 ATEX 0236 X, with protection type "c" for conveying explosive gas atmospheres of Group IIB for zone 1 and zone 2, with external rotor motor MK.. for explosive areas, protection type "e" / "eb".

- **Group II, equipment category 3G FB.. axial fans**
  ignition protection class “c” / “h” for conveyance of explosive, group IIB gas atmospheres for zone 2, with MK.. external rotor motor for potentially explosive areas, ignition protection class “nA” / “ec”

- **Group II, equipment category 2G RE.., RH.. centrifugal fans**
  ignition protection class “c” / “h” for conveyance of explosive, group IIB gas atmospheres for zone 1 and zone 2, with MK.. external rotor motor with EC type approval certificates PTB 08 ATEX 3060, PTB 08 ATEX 3061, PTB 08 ATEX 3062 for potentially explosive areas, ignition protection class “e” / “eb”

- **Group II, equipment category 3G RE.., RH.. centrifugal fans**
  ignition protection class “c” / “h” for conveyance of explosive, group IIB gas atmospheres for zone 2, with MK.. external rotor motor for potentially explosive areas, ignition protection class “nA” / “ec”.

- **Group II, equipment category 3D RE.., RH.., GR.. centrifugal fans**
  ignition protection class “c” / “h” for conveyance of explosive, group IIIB dust atmosphere for zone 22, with MK.. EC internal rotor motor for potentially explosive areas, ignition protection class “tc”

- **Group II, equipment category 2G ER.. centrifugal fans**
  ignition protection class “c” / “h” for conveyance of explosive, group IIB gas atmospheres for zone 1 and zone 2, with internal rotor motor for potentially explosive areas, ignition protection class “d” / “db”

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- **Group II, 3G equipment category GR.., RG.. centrifugal fans**
  ignition protection class “c” / “h” for conveyance of explosive, group IIB gas atmospheres for zone 2, with internal rotor motor for potentially explosive areas, ignition protection class “nA” / “ec”

- **Group II, equipment category 3D GR.., RD.. centrifugal fans**
  ignition protection class “c” / “h” for conveyance of explosive, group IIIB dust atmosphere for zone 22, with internal rotor motor for potentially explosive areas, ignition protection class “tc”

These products are developed, designed and manufactured according to the following directives:

- EMC Directive 2014/30/EU
- ATEX Directive 2014/34/EU

The following harmonised standards have been used:

EN 61000-6-3:2007
EN 61000-6-2:2005
EN 60079-0:2012 + A11:2013
EN 60079-7:2015
EN 60079-15:2010
EN 60079-31:2014
EN 1127-1:2011
EN 80079-36:2017
EN 80079-37:2016

- **The following standard is in use for FB axial fans:**

EN14986:2017	Design of fans working in potentially explosive atmospheres
Note:	The manufacturer of the plant is responsible for the complete compliance with the standard EN14986:2017 as well as for the compliance with the combinations of material and the mimimum gap. Compliance with the EN14986:2017 standard relates only to the installed guard grille and the inlet nozzle, if these are included in the scope of supply.

- **The following standard is in use for RE.., RH.., ER.., GR.. and RG.. centrifugal fans:**

EN14986:2017	Design of fans working in potentially explosive atmospheres
Note:	The manufacturer of the plant is responsible for the complete compliance with the standard EN14986:2017 as well as for the compliance with the combinations of material and the mimimum gap. Also applicable to ER: Compliance with the EN14986:2017 standard relates only to the installed guard grille and the inlet nozzle, if these are included in the scope of supply.

Name, address and identification number of the notified location:

- **For external rotor motors MK:**
  Physikalisch-Technische Bundesanstalt (PTB)
  Bundesallee 100 , D - 38116 Braunschweig , identification number 0102
- **For axial fans FB:**
  ZELM Ex E.K. - Testing and Certification Body
  Siekgraben 56 , D - 38124 Braunschweig , identification number 0820
- **For centrifugal fans RE .. , RH .. , ER ..:**
  Federal Institute for Materials Research and Testing (BAM)
  Unter den Eichen 87 , D - 12205 Berlin , identification number 0589

Compliance with the EMC Directive 2014/30 / EU refers only to those products when they are connected by mounting / operating instructions. If these products are integrated into a system or supplemented with other components (eg. sensing controls) and operated , the manufacturer or operator is responsible of the overall system for compliance with the EMC Directive 2014/30 / EU.

Künzelsau, 10.01.2019
(location, date of issue)

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