



# EU Declaration of Conformity

**Manufacturers:****WEG Equipamentos Elétricos S.A.**

Av. Prefeito Waldemar Grubba, 3000  
89256-900 - Jaraguá do Sul – SC – Brazil  
[www.weg.net](http://www.weg.net)

**WEGeuro – Indústria Eléctrica, S.A.**

Headquarters:

Rua Eng. Frederico Ulrich,  
Zona Industrial da Maia Sector V  
4470-605 – Maia – Portugal

**Single Contact Point** in the European Union for compiling the technical documentation:

Luís Filipe Oliveira Silva Castro Araújo  
Authorised Representative

Branch – Santo Tirso:

Rua António Joaquim Campos Monteiro, 510  
Santa Cristina do Couto  
4780-165 – Santo Tirso – Portugal  
[www.weg.net/pt](http://www.weg.net/pt)

**WEG (Nantong) Electric Motor Manufacturing CO., LTD.**

No. 128# - Xinkai South Road, Nantong  
Economic & Technical Development  
Zone, Nantong, Jiangsu Province – China  
[www.weg.net/cn](http://www.weg.net/cn)

**WEG (Jiangsu) Electric Equipment CO., LTD.**

No. 88, Huimin West Road, Chengbei Street,  
Rugao City, Jiangsu Province – China  
[www.weg.net/cn](http://www.weg.net/cn)

**Changzhou Yatong Jiewei Electromotor Co.,LTD**

No.118, Dongdu West Road, Luoyang Town, Wujin, Changzhou,  
Jiangsu, China.  
[www.weg.net/cn](http://www.weg.net/cn)

declares under sole responsibility that WEG electric motors and components used for following motor lines:

**W21, W22X..., W50X..., W51HDX..., W60X... and HGF**

when installed, maintained and used in applications for which they were designed, and in compliance with the relevant installation standards and manufacturer's instructions, comply with the provisions of the following relevant European Union harmonization legislation, wherever applicable:

|                               |                                                                                                          |
|-------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>ATEX Directive</b>         | 2014/34/EU;                                                                                              |
| <b>EU Ecodesign Directive</b> | (EU)2019/1781 as amended by Commission Regulation (EU)2021/341; Directive 2009/125/EC;                   |
| <b>RoHS Directive</b>         | 2011/65/EU and its amendments (including Directive 2015/863/EU);                                         |
| <b>Machinery Directive</b>    | 2006/42/EC;                                                                                              |
| <b>EMC Directive</b>          | 2014/30/EU (electric motors are considered inherently benign in terms of electromagnetic compatibility). |

The fulfilment of the safety objectives of the relevant European Union harmonization legislation has been demonstrated by compliance with the following standards, wherever applicable:

**EN IEC 60079-0:2018\* / EN 60079-1:2014 / EN IEC 60079-7:2015 + A1:2018\* / EN 60079 31:2014 / EN 60204-1:2018 / EN 60204-11:2019 / EN IEC 63000:2018 / EN 60034-2-1:2014 / EN 60034-30-1:2014 and IEC TS 60034-25:2014**

\* A comparison of the current version of the EN IEC 60079-0:2018 and EN IEC 60079-7:2015 + A1:2018 standards with the previous versions used by some Baseefa ATEX certificates shows that there are no changes in the "state of the art" applicable to the product covered by this Declaration of Conformity. The manufacturer hereby declares that the ATEX Certificates issued by Baseefa meet the Essential Health and Safety Requirements of ATEX Directive 2014/34/EU.

## Declaration of Incorporation (for motors above 1000V)

The products above cannot be put into service until the machinery into which they have been incorporated has been declared in conformity with the Machinery Directive.

A Technical Documentation for the products above is compiled in accordance with part B of annex VII of Machinery Directive 2006/42/EC and the following essential requirements of this directive are applied and fulfilled: 1.1, 1.2, 1.3.1, 1.3.2, 1.3.3, 1.3.4, 1.3.5, 1.3.6, 1.4.1, 1.4.2, 1.4.3, 1.5.1, 1.5.2, 1.5.3, 1.5.4, 1.5.5, 1.5.6, 1.5.7, 1.6.1, 1.6.2, 1.6.3, 1.6.4, 1.7.1, 1.7.2, 1.7.3 and 1.7.4.

We undertake to transmit, in response to a reasoned request by the national authorities, relevant information on the product identified above (partly completed machinery) through WEG authorized representative established in the European Union. The method of transmission shall be electronic or physical method and shall be without prejudice to the intellectual property rights of the manufacturer.



The Notified Bodies listed below performed the EU-type examination and issued the following certificates:

| Motor Line/Frame Size                          | Marking                                                                                  | Certificate No.                                                                                                   | Notified Body/No. |
|------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------|
| W21<br>Frame sizes 90-355                      | II 2 G Ex db IIB T3/T4 Gb<br>II 2 G Ex db eb IIB T3/T4 Gb<br>II 2 D Ex tb IIIC T125°C Db | TÜV 15 ATEX 7769X                                                                                                 | TÜV/0035          |
| W22Xdb<br>Frame sizes 71-80                    | II 2 G Ex db IIC T6...T2 Gb<br>II 2 D Ex tb IIIC T125°C Db<br>I M2 Ex db I Mb            | Baseefa 13 ATEX 0016X                                                                                             | SGS Fimko Oy/0598 |
| W22Xdb<br>Frame sizes 90-132                   | II 2 G Ex db/Ex db eb IIC T6...T2 Gb<br>II 2 D Ex tb IIIC T125°C Db                      | Baseefa 13 ATEX 0079X                                                                                             | SGS Fimko Oy/0598 |
| W22Xdb<br>Frame sizes 160-200                  | I M2 Ex db/Ex db eb I Mb                                                                 | Baseefa 13 ATEX 0288X                                                                                             | SGS Fimko Oy/0598 |
| W22Xdb<br>Frame sizes 225-250                  | II 2 G Ex db/Ex db eb IIB/IIC T6...T2 Gb<br>II 2 D Ex tb IIIC T85°C...T300°C Db          | INERIS 17 ATEX 0001X                                                                                              | INERIS/0080       |
| W22Xdb<br>Frame sizes 280-355                  | I M2 Ex db/Ex db eb I Mb                                                                 | INERIS 16 ATEX 0036X                                                                                              | INERIS/0080       |
| W22Xeb<br>Frame sizes 63-355                   | II 2 G Ex eb IIC T1/T2/T3 Gb<br>II 2 D Ex tb IIIC T125°C Db                              | Baseefa 15 ATEX 0237X                                                                                             | SGS Fimko Oy/0598 |
| HGF<br>Frame sizes 315-630                     | II 2 G Ex e IIC Gb                                                                       | Baseefa 12 ATEX 0063U                                                                                             | SGS Fimko Oy/0598 |
| W21<br>Frame sizes 63-355                      | II 2 D Ex tb IIIC T125°C Db                                                              | Baseefa 10 ATEX 0124X                                                                                             | SGS Fimko Oy/0598 |
| W22Xtb<br>Frame sizes 63-355                   | II 2 D Ex tb IIIC T125°C Db                                                              | Baseefa 10 ATEX 0193X                                                                                             | SGS Fimko Oy/0598 |
| HGF / W50Xtb / W51HDXtb<br>Frame sizes 315-630 | II 2 D Ex tb IIIC T125°C Db                                                              | Baseefa 10 ATEX 0205X                                                                                             | SGS Fimko Oy/0598 |
| W60Xtb<br>Frame sizes 315-1000                 | II 2 D Ex tb IIIC T125°C Db                                                              | Baseefa 14 ATEX 0210X                                                                                             | SGS Fimko Oy/0598 |
| W21<br>Frame sizes 63-355                      | II 3 G Ex ec IIC T3 Gc<br>II 3 D Ex tc IIB/IIIC T125°C Dc                                | The manufacturer performed the conformity assessment procedure by the Internal Production Control. <sup>(1)</sup> |                   |
| W22Xec<br>Frame sizes 63-355                   | II 3 G Ex ec IIC T3 Gc<br>II 3 D Ex tc IIB/IIIC T125°C Dc                                |                                                                                                                   |                   |
| HGF / W50Xec / W51HDXec<br>Frame sizes 315-630 | II 3 G Ex ec IIB/IIC T4/T3 Gc<br>II 3 D Ex tc IIB/IIIC T125°C Dc                         |                                                                                                                   |                   |
| W60Xec<br>Frame sizes 315-1000                 | II 3 G Ex ec IIB/IIC T4/T3 Gc<br>II 3 D Ex tc IIB/IIIC T125°C Dc                         |                                                                                                                   |                   |

<sup>(1)</sup> The ATEX Directive allows the manufacturer to make self-declaration of conformity for Category 3 electrical equipment, since the applicable conformity assessment procedure is performed by the manufacturer.

The Quality System for the certificates described above is approved by SGS Fimko Oy (NB0598) under the Quality Assurance Notification SGS ATEX 5886 (WEG Equipamentos Elétricos S.A.) and SGS ATEX 3862 (WEGeuro – Indústria Elétrica S.A.).

Signed for and on behalf of the manufacturer:

**Carlos Lourenço**  
Product Compliance Supervisor  
Jaraguá do Sul  
August 23, 2022

**Rodrigo Fumo**  
Engineering Director  
Jaraguá do Sul  
August 23, 2022