

EC / EU – declaration of conformity

HERFORDER ELEKTROMOTOREN-WERKE GmbH & Co. KG

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Electrical operating equipment

Explosion-proof three phase asynchronous motors (flame-proof encapsulation) with squirrel cage

Type	Marking:		
	gas		dust
DCEx 71 - 225:	II 2G Ex de IIC T1-T6 Gb or	II 2G Ex d IIC T1-T6 Gb	II 3D Ex tc IIIB T450°C - 85°C Dc (optional)
DBEx 71 - 225:	II 2G Ex de IIB T1-T6 Gb or	II 2G Ex d IIB T1-T6 Gb	
DDEx 71 - 225:	II 2G Ex de IIC T1-T6 Gb or	II 2G Ex d IIC T1-T6 Gb	II 2D Ex tb IIIC T450°C - 85°C Db

are conformed to the regulations of the following European directives:

- ATEX-directive 94/9/EC (until 19.04.2016) / **2014/34/EU (valid from 20.04.2016)**
- EMV-directive 2004/108/EC (until 19.04.2016) / **2014/30/EU (valid from 20.04.2016)**
- RoHS-directive 2011/65/EU
- Regulation 640/2009/EC (Amendment 4/2014/EU)

The compliance with the provisions of the directives is proved by the following standards:


EN 60034-1	:2010 + Cor.: 2010	EN 60079-0	: 2012 + A11: 2013
EN 60034-2-1	:2014	EN 60079-1	: 2014
EN 60034-5	:2001 + A1: 2007	EN 60079-7	: 2015
EN 60034-6	:1993	EN 60079-31	: 2014
EN 60034-7	:1993 + A1: 2001		
EN 60034-8	:2007 + A1: 2014	EN 60204-1	: 2006 + Cor.: 2010
EN 60034-9	:2005 + A1: 2007	EN 61000-6-3	: 2007 + A1: 2011
EN 60034-11	:2004	EN 61000-6-4	: 2007 + A1: 2011
EN 60034-14	:2004 + A1: 2007		
EN 60034-30-1	: 2014		

The new standards EN 60079-1, EN 60079-7 and EN 60079-31 contain no major changes to the essential health and safety requirements.

Hereby the company HEW declares the conformity of the motors with EN 60079-1: 2014, EN 60079-7: 2015 and EN 60079-31: 2014, although in the type examination certificate is still stated EN 60079-1: 2007, EN 60079-7: 2007 and EN 60079-31: 2009.

The following EC-type examination certificate is valid:

D_Ex 71 – 225: BVS 14 ATEX E 114 X

 0158 EXAM

The designated product is to be seen as a component for installation into a machine or system.
Commissioning is prohibited until the conformity of the final product to the directive 2006/42/EC is established.



(M. Scheidt) Managing Director

05.01.2017 Date

The safety instructions of the product documentation must be duly observed.
This declaration of conformity is no warranty of the characteristics in the sense of product liability.