

EU Declaration of Conformity
(according to Annex VII of EC Directive 2014/34/EU)



Manufacturer:	VEM motors GmbH	VEM motors Thurm GmbH
Address:	Carl-Friedrich-Gauß-Str. 1 D-38855 Wernigerode	Äußere Dresdener Straße 35 D-08066 Zwickau

Product description: **Explosion-protected three-phase asynchronous motors with squirrel-cage rotor of the series (IE*-)K... / (IE*-)K8.. (Y2, Y3) / (IE*-)W... / (IE*-)B...**
The additional mark in front of the series with IE * * = 1, 2, 3, 4 or as suffix Y2, Y3 indicates the energy efficiency class of the motors according to EN / IEC 60034-30-1

The object of the declaration described above is in conformity with the relevant Union harmonization legislation:

2014/34/EU Directive 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 (recast), Official Journal of the European Union L96/309-356 of 29.03.2014

2006/42/EG Directive of the European Parliament and of the Council of 17. May 2006 on machinery, and amending Directive 95/16/EC (recast), Official Journal of the European Union L157/24-86 vom 09.06.2006

This declaration of conformity is issued under the sole responsibility of the manufacturer.
We confirm conformity of the product indicated above with the standards:

Reference number and date of issue

EN 60079-0:2012+A11:2013	[IEC 60079-0:2011, modifiziert + Cor.:2012 + Cor.:2013]
EN 60079-1:2014/AC:2018-09	[IEC 60079-1:2014/COR1:2018]
EN 60079-7:2015	[IEC 60079-7:2015]
EN 60079-15:2010	[IEC 60079-15:2010]
EN 60079-31:2014	[IEC 60079-31:2013]
EN 60034-1:2010+Cor.:2010	[IEC 60034-1:2010, modifiziert]

with all relevant parts and supplements of EN 60034-.. [IEC 60034-..]

The motors for which an EC type examination certificate from a notified body or a type examination certificate of an independent test laboratory is available, but it is related to some older standard editions, than these motors also fulfil the basic requirements for security and health protection from directive 2014/34/EU (ATEX).

The designated product is intended for incorporation into a machinery, and it must not be put into operation until the relevant machinery into which the product has been incorporated has been declared being in conformity with the provisions of Directive 2006/42/EC.

The quality assurance systems of the manufacturers are certified by IBExU Institut für Sicherheitstechnik GmbH, notified body No. 0637 with approval no. IBExU17ATEXQ009 and IBExU17ATEXQ010.

Wernigerode, 2019-07-01

Zwickau, 2019-07-01


Stürzbecher
Managing director


Dr. Koch
Managing director

This declaration confirms compliance with the above-mentioned directives but is not a guarantee of product liability.

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Series (IE*-)K... / (IE*-)K8.. (Y2, Y3) / (IE*-)W... / (IE*-)B...

Equipment type IEC-size	EU	NB	Group/ category/ G (Gas) or D (Dust)	Type of protection, temperature class, equipment protection level ¹⁾
(IE*-)K... 56 up to 450 (IE*-)W... 63 up to 450 (IE*-)B... 80 up to 450 (IE*-)K8.. 63 up to 450... (Y2, Y3)	CE	0637	II 2G	Ex db IIC T3... T6 or Ex db IIC T3... T6 Gb or Ex d IIC T3... T6 or Ex d IIC T3... T6 Gb
	CE	0637	II 2G	Ex db eb IIC T3... T6 or Ex db eb IIC T3... T6 Gb or Ex de IIC T3... T6 or Ex de IIC T3... T6 Gb
	CE	0637	II 2G	Ex db IIB+H2 T3... T6 or Ex db IIB+H2 T3... T6 Gb or Ex d IIB+H2 T3... T6 or Ex d IIB+H2 T3... T6 Gb
	CE	0637	II 2G	Ex db eb IIB+H2 T3... T6 or Ex db eb IIB+H2 T3... T6 Gb or Ex de IIB+H2 T3... T6 or Ex de IIB+H2 T3... T6 Gb
	CE		II 3G	Ex ec IIC T2, T3 or T4 Gc (Ex nA IIC T2, T3 or T4 Gc)
	CE	0637	II 2G	Ex eb IIC T1/T2, T3 or T4 Gb (Ex e IIC T1/T2, T3 or T4 Gb)
	CE		II 3D	Ex tc IIIB TX°C Dc or Ex tc IIIC TX°C Dc ²⁾
	CE	0637	II 2D	Ex tb IIIC TX°C Db
	CE	0637	II 2G II 2D	Ex db IIC T3... T6 or Ex db IIC T3... T6 Gb or Ex d IIC T3... T6 or Ex d IIC T3... T6 Gb or optionally Ex tb IIIC T200 °C - T85°C Db
	CE	0637	II 2G II 2D	Ex db eb IIC T3... T6 or Ex db eb IIC T3... T6 Gb or Ex de IIC T3... T6 or Ex de IIC T3... T6 Gb or optionally Ex tb IIIC T200 °C - T85°C Db
	CE	0637	II 2G II 2D	Ex db IIB+H2 T3... T6 or Ex db IIB+H2 T3... T6 Gb or Ex d IIB+H2 T3... T6 or Ex d IIB+H2 T3... T6 Gb or optionally Ex tb IIIC TX°C Db
	CE	0637	II 2G II 2D	Ex db eb IIB+H2 T3... T6 or Ex db eb IIB+H2 T3... T6 Gb or Ex de IIB+H2 T3... T6 or Ex de IIB+H2 T3... T6 Gb or optionally Ex tb IIIC TX°C Db
	CE	0637	II 2G II 2D	Ex eb IIC T1/T2, T3 or T4 Gb (Ex e IIC T1/T2, T3 or T4 Gc) or optionally Ex tb IIIC TX°C Db
	CE	0637	II 2G II 3D	Ex eb IIC T1/T2, T3 or T4 Gb (Ex e IIC T1/T2, T3 or T4 Gc) or optionally Ex tc IIIB TX°C Dc or Ex tc IIIC TX°C Dc ²⁾
	CE	0637	II 2D II 3G	Ex tb IIIC TX°C Db or optionally Ex ec IIC T2, T3 or T4 Gc (Ex nA IIC T2, T3 or T4 Gc)
	CE		II 3G II 3D	Ex ec IIC T2, T3 or T4 Gc (Ex nA IIC T2, T3 or T4 Gc) or optionally Ex tc IIIB TX°C Dc or Ex tc IIIC TX°C Dc ²⁾

¹⁾

²⁾ conductive dust

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