



EU- Declaration of Conformity

(according to Annex X or Article 8 of EU Directive 2014/34/EU)

Manufacturer: VEM motors GmbH
Address: Carl-Friedrich-Gauß-Str. 1
D-38855 Wernigerode
Product name: **Explosion-protected three-phase asynchronous motors with squirrel-cage rotor of the series W52. / K8..**

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

2014/34/EU Directive 2014/34/EU of the European Parliament and 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 L96/309-354 of 29 March 2014

2006/42/EG Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery, and amending Directive 95/16/EC, Official Journal of the European Union L157/24-86 of 09 June 2014

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The conformity with the instructions of these directives is proved by the observation of following standards:

Reference number and date of issue

EN 60079-0:2012+A11:2013

EN 60079-7:2015

EN 60034-1¹):2010 + AC:2010

¹) with all relevant parts and supplements

Reference number and date of issue

EN 60079-1:2014

EN 60079-31:2014

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 (GSA) 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 Management System has been certified by IBExU Institut für Sicherheitstechnik GmbH with the Approval No. IBExU14ATEXQ014.

Wernigerode, 2016-10-27

Strümpel
Managing director

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

Motor type IEC-size	EU	NB	Group/ category/ G (Gas) or D (Dust)	Type of protection, temperature class, equipment protection level (EPL)
W52. 355 up to 450 K8.. 355 up to 450...	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 Txxx°C Dc or. Ex tc IIIC Txxx°C Dc ¹⁾
	CE	0637	 II 2D	Ex tb IIIC Txxx°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 alternatively 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 alternatively 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 db IIB+H2 T3...T6 or. Ex db IIB+H2 T3...T6 Gb or alternatively Ex tb IIIC Txxx°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 alternatively Ex tb IIIC Txxx°C Db
	CE	0637	 II 2G  II 2D	Ex eb II T1/T2, T3 or. T4 Gb (Ex e II T1/T2, T3 or. T4 Gb) or alternatively Ex tb IIIC Txxx°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 Gb) or alternatively Ex tc IIIB Txxx°C Dc or. Ex tc IIIC Txxx°C Dc ¹⁾
	CE	0637	 II 2D  II 3G	Ex tb IIIC Txxx°C Db or alternatively 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 alternatively Ex tc IIIB Txxx°C Dc or. Ex tc IIIC Txxx°C Dc ¹⁾

¹⁾ conductive dust

NB 0637 ... IBExU Inst. für Sicherheitstechnik GmbH, Fuchsmühlenweg 7,
09599 Freiberg (Germany)