

## 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

Typ	marking gas	marking dust
DCEx 63	II 2G Ex db e IIC T4-T6 Gb oder II 2G Ex db IIC T4-T6 Gb	
DBEx 63	II 2G Ex db e IIB T4-T6 Gb oder II 2G Ex db IIB T4-T6 Gb	
DDEx 63	II 2G Ex db e IIC T4-T6 Gb oder II 2G Ex db IIC T4-T6 Gb	II 2D Ex tb IIIC T135°C - 85°C Db
DCEx 71 - 225	II 2G Ex db eb IIC T4-T6 Gb oder II 2G Ex db IIC T4-T6 Gb	
DBEx 71 - 225	II 2G Ex db eb IIB T4-T6 Gb oder II 2G Ex db IIB T4-T6 Gb	
DDEx 71 - 225	II 2G Ex db eb IIC T4-T6 Gb oder II 2G Ex db IIC T4-T6 Gb	II 2D Ex tb IIIC T135°C - 85°C Db
DCEx 250 and DCEx 280	II 2G Ex db eb IIC T4-T6 Gb oder II 2G Ex db IIC T4-T6 Gb	
DBEx 250 and DBEx 280	II 2G Ex db eb IIB T4-T6 Gb oder II 2G Ex db IIB T4-T6 Gb	
DDEx 250 and DDEx 280	II 2G Ex db eb IIC T4-T6 Gb oder II 2G Ex db IIC T4-T6 Gb	II 2D Ex tb IIIC T135°C - 85°C Db
DEx 315	II 2G Ex de IIC T4-T6 oder II 2G Ex d IIC T4-T6	

are conform to the regulations of the following European directives:

- EMV- directive 2014/30/EU
- ATEX- directive 2014/34/EU
- RoHS- directive 2011/65/EU and (Amendment Annex II (EU) 2015/863)
- Electric motor Regulation 2019/1781/EU
- Machinery directive 2006/42/EC

The compliance with the provisions of the directives is proved by the following series of standards with all relevant parts according to the current date:

- DIN EN 60034
- DIN EN 60079-0:2018, 60079-1:2014, 60079-7:2015 + A1:2018, 60079-31:2014

The following EG/EU-type examination certificate is valid:

D\_ Ex 63: SIQ 16 ATEX 142 X ( (0158 DEKRA DTC GmbH  
D\_ Ex 71 – 225: BVS 14 ATEX E 114 X ( (0158 DEKRA DTC GmbH  
D\_ Ex 250: BVS 19 ATEX E 005 X ( (0158 DEKRA DTC GmbH  
D\_ Ex 280: BVS 19 ATEX E 006 X ( (0158 DEKRA DTC GmbH  
DEx 315: PTB 10 ATEX 1047 X ( (0158 DEKRA DTC GmbH

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

date 30.06.2021

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.