

Addition Sheet 16

to the EC-TYPE EXAMINATION CERTIFICATE IBExU02ATEX1019 (Translation)

Three-phase Asynchronous Motor with Squirrel-Cage Rotor Type K21Q 315 L4 Ex II 2D (K20Q 315 L4 Ex II 2D)

The already certified motor series type K2.Q ... Ex II 2D is extended with the motor type K21Q 315 L4 Ex IID (K20Q 315 L4 Ex II 2D). The motor is intended for use at a maximum surface temperature of $T = 125\text{ °C}$.


Rated values and technical data

		Mains operation
Power:	kW	200
Terminal voltage:	V	415
Torque:	Nm	1.285
Current:	A	335
Frequency:	Hz	50
Speed:	min ⁻¹	1487
Power factor:		0.87
Efficiency:	%	95.9
Operation mode:		S1
Cooling medium temperature:	°C	55

Besides the voltage 415 V also other voltages in the range from 220 V up to 690 V are permissible. The related currents are converted in the reciprocal relation of the voltages.

In comparison with the rated values the mains voltage may fluctuate up to $\pm 5\%$ and the mains frequency up to $\pm 2\%$ appropriate to range A according to IEC 60034-1.

The proof of explosion protection of the motor mentioned above is recorded in the test report IB-09-3-002 of 25th February 2009. The marking is:

 II 2D Ex tD A21 IP 65 T 125 °C
T_a -30 °C up to +55 °C

The safety instructions contained in the EC-Type Examination Certificate IBExU02ATEX1019 have to be noticed.

This Addition Sheet is only valid in combination with the EC-Type Examination Certificate IBExU02ATEX1019 with 1st up to 3rd Addition.

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Authorised for certifications
-Explosion protection-

By order



(Dr. Wagner)



(ID no. 0637)

Freiberg, 25th February 2009

Certificates without signature and seal are not valid. Certificates may only be duplicated completely and unchanged. In case of dispute, the German text shall prevail.