

Addition Sheet 08

to the EC-TYPE EXAMINATION CERTIFICATE IBExU02ATEX1019 (Translation)

Three-phase Asynchronous Motor with Squirrel Cage Rotor type K21Q 180 L4 (K20Q 180 S4)

The already certified motor series type K2.Q ... Ex II 2D is extended with the motor type K21Q 180 L4 (K20Q 180 S4).

The motor is intended for use at a maximum surface temperature of $T = 120\text{ °C}$.


Rated values and technical data

Power:	22.0	kW
Voltage:	400	V
Current:	42.0	A
Frequency:	50 Hz	
Speed:	1465	min ⁻¹
Power factor:	0.84	
Efficiency:	90.5	%
Cooling medium temperature:	+40	°C
Degree of protection according to EN 60529:	IP 65	

Besides the voltage 400 V also other voltages in the range of 220 V up to 690 V are permissible.
The related currents are converted in the reciprocal relation of the voltages.


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

The proof of explosion protection of the motor mentioned above is recorded in the test report IB-06-3-280 of 10 January 2007. The marking is:

 II 2D T 120 °C IP 65

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.

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Authorised for certifications
-Explosion protection-

Freiberg, 10 January 2007

By order

(Dr. Lösch)

- Seal -
(ID no. 0637)

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.

