

IBExU Institut für Sicherheitstechnik GmbH

An-Institut der TU Bergakademie Freiberg

Continuation Sheet 37

to the EC-TYPE EXAMINATION CERTIFICATE IBExU99ATEX1143 (Translation)

Three-phase Asynchronous Motor with Squirrel-Cage Rotor type K11R 200 L6

Rated values and technical data

On the basis of the test report IB-11-3-149 of 14 October 2011 the following specifications result:

The details are valid under the prerequisite that the Three-phase Motors of this type differ only insignificantly from the tested sample concerning the electrical and thermal design.

Nominal power:		16.5		kW
Nominal voltage:	220	400	690	V
Nominal current:	60	33	19.2	A
Power factor:		0.82		
Nominal frequency:		50		Hz
Nominal speed:		977		min ⁻¹
Operation mode:		S1		
Ratio I_A/I_N :		6.8		
Thermal class:		F		
Cooling medium temperature:		50		°C

Besides the voltages mentioned above also intermediary values are permissible.

The related currents have to be 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.

Temperature control

For the current-dependent delayed protective device the following t_E -times are valid:

Temperature class:	T1	T2	T3
Time t_E :	26 s	26 s	7 s

Safety instruction

The service temperature is 71 °C on the cable entry and 86 °C on the branching point is. This has to be noticed at the selection of cable gland and cable.

This Continuation Sheet is only valid in combination with the EC-Type Examination Certificate IBExU99ATEX1143.

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Authorised for certifications
-Explosion protection-

By order



(Dr. Wagner)



Seal
(ID no. 0637)

Freiberg, 14 October 2011

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