

Continuation Sheet 46

to the EC-TYPE EXAMINATION CERTIFICATE IBExU99ATEX1142 (Translation)

Three-phase Asynchronous Motor with Squirrel Cage Rotor type K11R 132 MX6

Rated values and technical data

On the basis of the test report IB-07-3-005 of 20 February 2007 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 in the electrical and thermal design.

Nominal power:		5.5		kW
Nominal voltage:	220	480	690	V
Nominal current	21.0	9.5	6.6	A
Power factor:		0.82		
Nominal frequency:		60		Hz
Nominal speed:		1166		min ⁻¹
Operation mode:		S1		
Ratio I_A/I_N :		5.8		
Thermal class:		F		
Cooling medium temperature:		45		°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.

Compared 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 34-1.

Temperature control

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

Temperature class:	T1	T2	T3
Time t_E :	28 s	28 s	24 s

This Continuation Sheet is only valid in combination with the EC-Type Examination Certificate IBExU99ATEX1142.

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Authorised for certifications
-Explosion protection-

Freiberg, 20 February 2007

By order

(Dr. Lösch)

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