

Continuation Sheet 10

to the EC-TYPE EXAMINATION CERTIFICATE IBExU01ATEX1009
(Translation)

Three-phase Asynchronous Motor with Squirrel-Cage Rotor type K12R 355 M2

Rated values and technical data

On the basis of the test report IB-09-3-388 of 03 February 2010 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 electrical and thermal design.

Nominal power:		150		kW
Nominal voltage:	220		690	V
Nominal current:	450		143	A
Power factor:		0.92		
Nominal frequency:		50		Hz
Nominal speed:		2989		min ⁻¹
Operation mode:		S1		
Ratio I_A/I_N :		7.2		
Thermal class:		F		
Cooling medium temperature:		40		°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 :	35 s	35 s	14 s

This Continuation Sheet is only valid in combination with the EC-Type Examination Certificate IBExU01ATEX1009.

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Authorised for certifications
-Explosion protection-

By order



(Dr. Wagner)



Seal
(ID no. 0637)

Freiberg, 03 February 2010

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