

**Continuation Sheet 47**

**to the EC-TYPE EXAMINATION CERTIFICATE IBExU99ATEX1105**  
**(Translation)**

Three-phase Asynchronous Motor with Squirrel-Cage Rotor type K10R 160 S4

Rated values and technical data

On the basis of the test report IB-07-3-149 of 29 June 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:		11.5		kW
Nominal voltage:	220	380	690	V
Nominal current:	38.5	22.5	12.3	A
Power factor:		0.87		
Nominal frequency:		50		Hz
Nominal speed:		1460		min <sup>-1</sup>
Operation mode:		S1		
Ratio $I_A/I_N$ :		6.1		
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.  
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 60034-1.

Temperature control

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

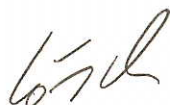
Temperature class:	T1	T2	T3
Time $t_E$ :	30 s	30 s	10 s

This Continuation Sheet is only valid in combination with the EC-Type Examination Certificate IBExU99ATEX1105.

**IBExU** Institut für Sicherheitstechnik GmbH  
Fuchsmühlenweg 7 - 09599 Freiberg, GERMANY  
☎ +49 (0) 3731 3805-0 - 📠 +49 (0) 3731 23650

Authorised for certifications  
-Explosion protection-

By order



(Dr. Lösch)



Seal  
(ID no. 0637)

Freiberg, 29 June 2007

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.