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### Statement regarding energy efficiency classification

Dear Clients,

We have thoroughly investigated into the matter of the energy efficiency classification of our vibrator motors. The size-output ratio of our products is kept low. Furthermore, there is a strong dependence on the centrifugal force of the flyweights which can be set at different levels or the possible use of a frequency converter. We have gone through different publications and contacted various experts. The unanimous opinion is that our products fall in the category of "not affected model types".

Not affected are e. g. pole-changing motors or explosion-proof motors. According to EC 640/2009, paragraph 12 b, motors that are completely integrated into an installation and of which the energy efficiency cannot be measured independently are not affected either.

This point was intensely discussed at the conference "Interpretation of motor regulation 640/2009" held December 16, 2009 by the CEMEP (European Committee of Manufacturers of Electrical Machines and Power Electronics) and can be found in the corresponding Collection of Comments.

Eventually, we would like to say that publications concerning energy efficiency always point out that in general more energy can be saved by the use of control engineering and that the decision for a certain drive system should not depend too much on the energy efficiency classification of the motor. Furthermore, the development of new type series of class EFF1 or IE3 would lead to a rise in costs (due to e. g. the larger stators/rotors and the use of electrical sheets of a higher quality) and thus to higher sales prices.

Should you have any further questions, please do not hesitate to contact us.

Kind regards

FRIEDRICH Schwingtechnik GmbH

Martin Gerth  
Managing Director