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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".

According to (EU) 2019/1781, paragraph 2 2a and g, motors that are completely integrated into an installation and of which the energy efficiency cannot be measured independently and explosion-proof motors are not affected either.

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 and more 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