

Vibration profile

mitigating the specific vibration in modular dual three-phase permanent magnet ...

Articles, Analysis Vibration displays unique patterns when analyzed in different domains, such as the time or frequency domain. For rotational machinery, the angular domain highlights vibrational patterns related to the rotating ...

Order analysis is a method of analyzing the noise and vibration of machines with rotational or reciprocating components. Machinery is composed of different parts that can have distinct vibrational patterns. Order analysis helps differentiate ...

Finite Element Modeling Continuous Improvement (FEMCI) is an online archive of mostly NASTRAN (NASA STRUCTURAL ANALYSIS) based finite element analysis information. Some information can be applied to other finite ...

Consequently, it is generally believed that the DTP ER SPM machines with single-layer (SL) windings exhibit poorer on-load vibration and noise performance compared to those with ...

To effectively reduce the vibration of iron-core reactors, a vibration optimization method considering the magnetostrictive properties of Fe-based soft magnetic composite materials is ...

Abstract: In this study, the vibration characteristics of the core and winding of an SG-RL-50 / 0.38 / 0.22 open three-dimensional wound core transformer were studied. Firstly, the ...

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