Förhandsgranskning / Preview

STANDARD SOLUTIONS GROUP

SSG 6512E

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Anchoring machinery and machine foundations – recommendations for construction

Scope

This standard provides instructions on anchoring machinery to concrete foundations, machine foundations and vibration-absorbing structures using bolts. A form to be used for the procurement and provision of design details is provided as an appendix.

The standard is used in industry as a basis for design, planning and procurement. Its purpose is to ensure that the people concerned receive information on criteria at an early stage so that the design is implemented correctly.

Changes since the previous edition

This version differs from the previous version in that:

- Chapter 4 – ”Machine foundations – vibration absorbing” has been updated regarding mount and properties that affect the detailed design.
- Chapter 4.3 – ”Construction” has updated requirements for the natural frequency of machine foundations.
- Chapter 4.3.2 – ”Soft mount (foundation on shock absorbers)” has updated requirements for shock absorbers.
- The standard has been language reviewed and its appearance has been updated to the current template for SSG standards.

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Appendix 1: Technical data for the construction of machine foundations

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