Transportörer – Transportband – Tvärflexibilitet (kupningsförmåga) – Provningsmetod (ISO 703:2007)

Conveyor belts – Transverse flexibility (troughability) – Test method (ISO 703:2007)

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This European Standard was approved by CEN on 23 May 2007.

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Foreword

This document (EN ISO 703:2007) has been prepared by Technical Committee ISO/TC 41 "Pulleys and belts (including veebelts)" in collaboration with Technical Committee CEN/TC 188 "Conveyor belts", the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2007, and conflicting national standards shall be withdrawn at the latest by December 2007.

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Endorsement notice

The text of ISO 703:2007 has been approved by CEN as EN ISO 703:2007 without any modifications.
Introduction

A large number of conveyor belts work in the shape of a trough. If a conveyor belt is too stiff transversely it does not rest on the central idler roller when unloaded. Its balance is then unstable and it is subject to lateral travel, which may cause its destruction.

It is possible to make a section of the conveyor belt take on the shape of a trough under its own mass, by suspending the section by its edges. However, this does not necessarily indicate what happens when the conveyor belt is not carrying a load.

The results obtained from the test method specified in this International Standard will, however, allow an assessment to be made as to whether the troughing characteristics of the conveyor belt are suitable for the intended application.