



STANDARD SOLUTIONS GROUP

SSG 3357E

Date
2019-09-19Edition
5Designation
TKMPage
1 (10)

Belt guards

Introduction

Information within brackets ([...]) in this document refers to local regulations.

This standard is intended to provide advice and guidance for the development of belt guards with a focus on personal safety and accessibility for maintenance. The standard describes criteria to be considered by the project managers, designers, installation managers and suppliers with respect to the best possible function.

The advice applies to the design of belt guards as a function supported by directives in machine safety.

Furthermore, some instructions for placement, design and size, inspectability and attachment are provided.

All belt guards, however, are application-dependent and must be designed separately.

This standard applies to both new designs and conversion of existing machinery.

Changes since the previous edition

This edition differs from the preceding in that:

- References to EN 953+A1 have been replaced by EN ISO 14120:2015 and other references have been updated.
- The standard has been updated to the current template for SSG standards.

Contents

1	General	2
1.1	Surface protection	2
1.2	Maintenance	2
1.2.1	Inspection	3
1.2.2	Accessibility	3
2	Environment	3
3	Hazard marking	3
4	Design	4
4.1	Size, length, width	4
4.2	Design examples	6
4.2.1	Type A, Same or opposite side operation	6
4.2.2	Type B, Front opening	7
4.2.3	Type C, Hood	8
4.2.4	Means of attachment	9
4.3	Material	9
4.3.1	Steel design	9
4.3.2	Plastic design	9
5	References	10