

SSF 011

NORM FOR

BICYCLE LOCKS

REQUIREMENTS AND TESTING

FEBRUARY 2019

Swedish Theft Prevention
Association's Norm
SSF 011 edition 3



SSF (the Swedish Theft Prevention Association) is a non-profit association. The aim of the association is to promote safety and security for individuals and property through crime prevention measures, and to help shape opinions and disseminate information with regard to crime prevention. (Excerpt from SSF's by-laws § 1 and § 2. Laid down on May 13, 2011)

SSF, the Swedish Theft Prevention Association, develops and specifies standards for testing and classification within areas considered relevant to the aims of the association.

A list of current SSF standards can be found on the SSF website at

www.stoldskyddsforeningen.se

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Foreword

SSF Swedish Theft Protection Association regulations specify characteristics that are considered important for burglary protection, functionality and reliability. These regulations are intended to set levels of quality and security for general use in both the specification of requirements and in conjunction with procurement.

The Regulations refer to, or are based as far as possible on, national and international norms as well as other applicable technical specifications and requirement documents.

That the demands in a regulatory framework are met can be shown via testing and certification by a recognised testing and certification body. Products, services, businesses or individuals who fulfil the current requirements are listed in SSF's records and is available via the SSF website.

Stockholm February 2019

Orientation

This standard has been produced by representatives of SSF Swedish Theft Prevention Association, manufacturers and certification bodies.

Changes in relation to SSF 011 Edition 2 (2004-08-12)

- Scope clarified and includes electrically operated bicycle lock.
- The references are updated.
- The requirements are extended to include electrically operated bicycle locks.
- Tables re-numbered. New Table 1 inserted.
- Table 2 revised and requirements for electrically operated bicycle locks introduced.
- Test methods clarified for permanently mounted and non-mounted mechanically and electrically operated bicycle locks.

This norm SSF 011 edition 3, is valid from **2019-02-26** and replaces SSF 011 edition 2 which is withdrawn at **2019-08-26**

1 Scope

Mechanical and electrically operated locks that meet the requirements in this norm are designed for bicycles that are propelled mechanically and/or with electric auxiliary motors.

2 References

This standard contains dated or undated references to regulations in other publications. These normative references can be found in the body copy. The publications are listed below. With regard to dated references to publications that have subsequently been amended or supplemented, such amendments and supplements are only valid if they have been inserted into these regulations. For undated references, the latest edition of the publication applies.

EN 10277	<i>Bright steel products - Technical delivery conditions - Part 1: General</i>
EN 60068-2-1:2007	<i>Basic environmental testing procedures - Part 2: Tests - Test A: Cold</i>
EN 60068-2-2:2007	<i>Environmental testing - Part 2-2: Tests - Test B: Dry heat</i>
EN 60068-2-6:2008	<i>Environmental testing - Part 2: Tests - Test Fc: Vibration (sinusoidal)</i>
EN 60068-2-27:2009	<i>Environmental testing - Part 2-27: Tests - Test Ea and guidance: Shock</i>
EN 60068-2-30:2006	<i>Environmental testing - Part 2: Tests - Test Db and guidance: Damp heat, cyclic (12 + 12 hour cycle)</i>
SS-EN 60529:2014	<i>Degrees of protection provided by enclosures (IP Code)</i>
EN 61000-4-2:2009	<i>Electromagnetic compatibility (EMC) - Part 4-2: Testing and measuring techniques - Electrostatic discharge immunity test</i>
SS-EN 16864:2017	<i>Building hardware – Mechatronic padlocks – Requirements and test methods</i>
SS-EN 1670:2007	<i>Building hardware – Corrosion resistance – Requirements and test methods</i>
SS-EN ISO/IEC 17025:	<i>General requirements for the competence of testing and calibration laboratories</i>
SSFN 1050, edition 2	<i>Method description – For picking of locks</i>
SS-ISO 235:2017 (DIN 338:2006)	<i>Twist drills. Parallel shank. Short Kurze Spiralbohrer mit Zylinderschaft</i>
DIN 6494 (NF-E 73-072)	<i>Hand saw for metal – Hacksaw blades</i>