

Hardware performance sheet (HPS) – lock cases dormakaba 1200 series

1 General

This document is worked out according to the European Standard:

- EN 16035:2012

The hardware performance sheet (HPS) is an identification and summary of test evidence to facilitate the interchangeability of building hardware for application to fire resisting and/or smoke control doorsets and/or openable windows.

The HPS together with mentioned test reports in Table A.3 shall be a part of the technical documentation delivered to a Notified Body for an Extended application report, prior to CE-marking.

2 HPS

2.1 Building hardware identification

Table A.1 Basic information about the building hardware

Position	Declaration	Required product information	Note/additional information
1	Manufacturer	dormakaba Sverige AB	See 5.2.1
2	Manufacturer's product reference as shown in fire test evidence	1200 series: 1216, 1219, 1222, 1224, 1225, 1232, 1233, 1234, 1235, 1236, 1241*, 1248 and 1249*	See 5.2.2

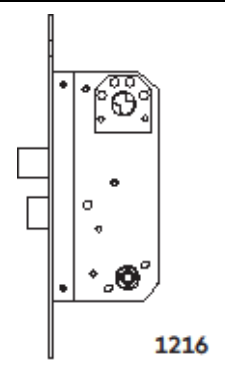
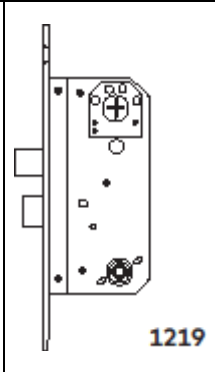
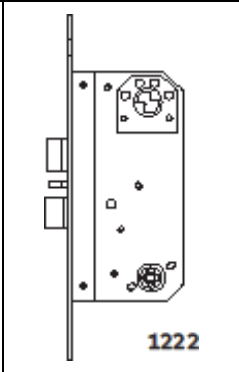
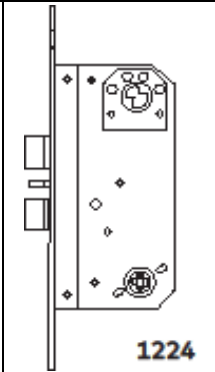
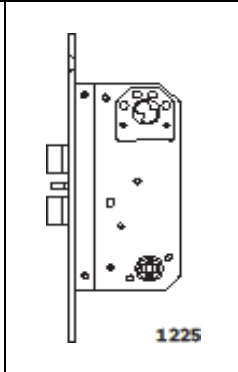
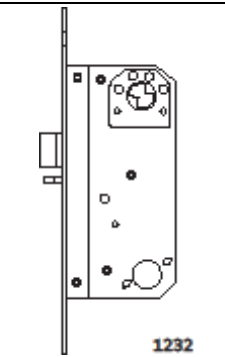
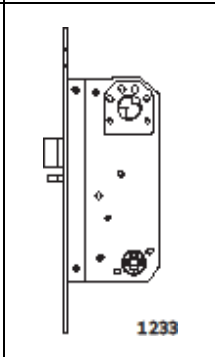
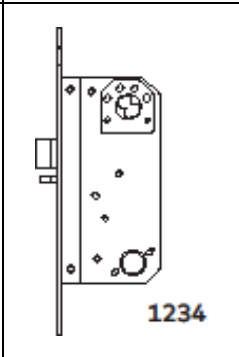
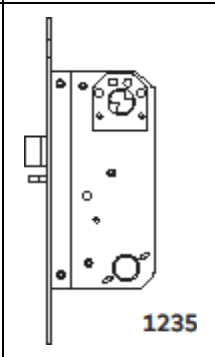
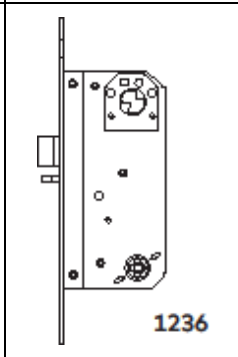
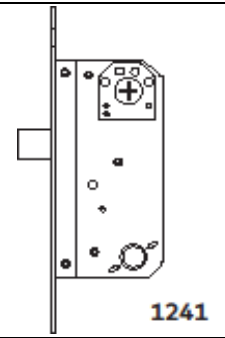
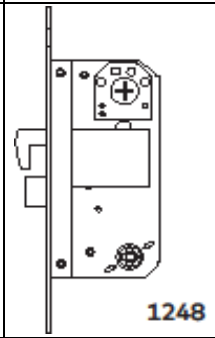
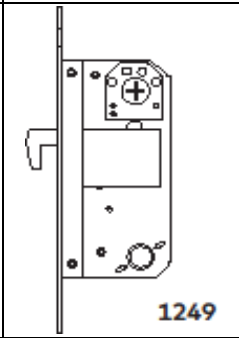
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3	Type of building hardware	Mechanically operated locks		See 5.2.3
4	Relevant EN standard	EN 12209:2003 and EN 12209:2003/AC:2005		See 5.2.4
5	Classification (in accordance with relevant hardware product standard)	Classification: Grade 1	Characteristics: Suitability for use on fire/ smoke doors	See 5.2.5
6	Main dimensions	Dimensions: Lock case: 74 x 150 x 19 mm. Front plate: 3 x 225 x 22 mm. Latch bolt length: 14 mm.		See 5.2.6
7	Remarks	* Lock cases 1241 and 1249 have no latch and must be combined with another product, proven by test, to keep the door in closed position.		See 5.2.7

2.2 Test evidence used

Table A.2 information about the test evidence of the building hardware described in Table A.1

1	Material of doorset and/or openable window	<input type="checkbox"/> Steel doorset and/or openable window
		<input type="checkbox"/> Timber doorset and/or openable window
		<input type="checkbox"/> Aluminium doorset and/or openable window
		<input checked="" type="checkbox"/> Glazed steel doorset
2	Mounting of building hardware	<input type="checkbox"/> Surface mounted, exposed to fire
		<input type="checkbox"/> Surface mounted, not exposed to fire
		<input checked="" type="checkbox"/> Mortice mounted, fire on both sides
3	Type of doorset and/or openable window	<input checked="" type="checkbox"/> Hinged
		<input type="checkbox"/> Pivoted
		<input type="checkbox"/> Sliding
		<input checked="" type="checkbox"/> Single leaf doorset
		<input type="checkbox"/> Double leaf doorset
		<input type="checkbox"/> Primary (active) leaf
		<input type="checkbox"/> Secondary (inactive) leaf
<input type="checkbox"/> Other type		

2.3 Performance level(s)

Table A.3

	Performance	Fire resisting and/or smoke control doorset and/or openable window test evidence	Building hardware test evidence ^a	Smoke control doorset and/or openable window test evidence	Durability of self-closing
1	Test method	<input checked="" type="checkbox"/> EN 1634-1	<input type="checkbox"/> EN 1634-2 ^b	<input type="checkbox"/> EN 1634-3	<input type="checkbox"/> EN 1191 <input type="checkbox"/> EN 12605
2	Test report no:	5P02910 dated 2015-06-30 (1) 6P09189rev1 dated 2017-12-18 (2)			
3	Test report issued by:	SP Technical Research Institute of Sweden			
4	Classification	EN 13501-2: E: 15 min (1) E: 15 min (2) * * Classification E60 for tested lock cases 1216, 1219 and 1248 after isolating premature failure on the door.		EN 13501-2: <input type="checkbox"/> S _a <input type="checkbox"/> S ₂₀₀	EN 14600: <input type="checkbox"/> C0 <input type="checkbox"/> C1 <input type="checkbox"/> C2 <input type="checkbox"/> C3 <input type="checkbox"/> C4 <input type="checkbox"/> C5
5a	Width of primary leaf:	980 mm (1) 1020 mm (2)			
5b	Width of secondary leaf:				
6	Door leaf height:	2110 mm (1) 2095 mm (2)			
7	Door thickness:	50 mm (1) (2)			
8a	Mass of primary leaf:				
8b	Mass of secondary leaf:				
9	Restrictions ^c :	Test report 6P09189rev1 is valid for lock case 1216, 1219 and 1248			
10	Installation instructions ^d :	-			

11	Certification body: RISE Research Institutes of Sweden AB
12	Prepared by: RISE Research Institutes of Sweden AB
13	Date: 2019-04-12. This report replaces previous edition dated 2018-05-30. Rev1: editorial changes.

^a The dimensions shown in this column relate to the associated construction relevant to the particular test.

^b Results from a test by EN 1634-2 show information about the hardware. The test specimen of EN 1634-2 does not represent a doorset as defined in EN 16034.

^c E.g. limitations of application.

^d E.g. reference to the building hardware manufacturer's installation instructions.

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Safety - Fire Research Resistance

Performed by

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