

# EN 16035 Hardware Performance Sheet (HPS)

10.03.2022

Product family: ITS 96 EN 3-6

Hardware performance sheet (HPS) – 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.

Extended application of test results	EN 15269-20				Steel doorsets	Timber doorsets	Aluminium framed glazed	Steel framed glazed doorsets	Single leaf	Double leaf	Latched	Unlatched	Door opening direction into the oven	Door opening direction outside the oven	Fire resistance EN 1634-1	Smoke control EN 1634-3	Product inside the oven	Product outside the oven	Product concealed	Duration of fire resistance							Durability of selfclosing EN 1191
	EN 15269-2	EN 15269-3	EN 15269-5	EN 15269-5																EI 1	EI 2	E	≥ 30	≥ 60	≥ 90	≥ 240	
Test Report no.	EN 15269-2	EN 15269-3	EN 15269-5	EN 15269-5	Steel doorsets	Timber doorsets	Aluminium framed glazed	Steel framed glazed doorsets	Single leaf	Double leaf	Latched	Unlatched	Door opening direction into the oven	Door opening direction outside the oven	Fire resistance EN 1634-1	Smoke control EN 1634-3	Product inside the oven	Product outside the oven	Product concealed	EI 1	EI 2	E	≥ 30	≥ 60	≥ 90	≥ 240	Test cycles
DMT-DO-50-931	x				x				x		x			x	x				x		x			x			
DMT-DO-50-923		x				x				x	x			x	x				x		x			x			
DMT-DO-50-829		x								x	x			x	x				x				x				
379042		x							x		x			x	x				x					x			
5P09529-1				x	x				x		x			x	x				x			x					
5P09529-1				x	x				x		x			x	x				x			x					
IT 13-175		x			x				x		x			x	x				x		x						
134657	x				x				x		x			x	x				x			x				x	
11641		x			x				x		x			x	x				x					x			
11640		x			x				x		x			x	x				x				x				
DMT-DO-51-204		x								x	x								x								100 000

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HPS\_0002\_ITS\_96\_EN\_3-6\_EN

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# EN 16035 Hardware Performance Sheet (HPS)

10.03.2022

Product family: ITS 96 EN 3-6

Test report no. **DMT-DO-50-931**

## **Building hardware identification**

Manufacturer: dormakaba Deutschland GmbH, DORMA Platz 1, 58256 Ennepetal

Manufacturer's product reference: ITS 96 EN 3-6

Type of building hardware: controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 3 | 8 | 3-6 | 1 | 1 | 1 | 4

Main dimensions [mm]: 291x39,5x51

Remarks: --

## **Test evidence**

Material of door set: steel

Mounting of building hardware: product concealed

Type of door set: single leaf door set

Door opening direction: outside the oven

Isolation: insulated

Door tested: latched

## **Performance level(s)**

Performance: Fire and smoke control door set

Test method: EN 1634-1

Date: 23.11.2021

Test report issued by: DMT Lathen

Classification: EI 1 60 min., EI 2 60 min.

Width of primary leaf: 1249mm

Width of secondary leaf: ---

Door leaf height: 2488mm

Door thickness: 62mm

Mass of primary leaf: 116kg

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

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# EN 16035 Hardware Performance Sheet (HPS)

10.03.2022

Product family: ITS 96 EN 3-6

Test report no. **DMT-DO-50-923**

## Building hardware identification

Manufacturer: dormakaba Deutschland GmbH, DORMA Platz 1, 58256 Ennepetal

Manufacturer's product reference: ITS 96 EN 3-6

Type of building hardware: controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 3 | 8 | 3-6 | 1 | 1 | 1 | 4

Main dimensions [mm]: 291x39,5x51

Remarks: --

## Test evidence

Material of door set: timber

Mounting of building hardware: product concealed

Type of door set: double leaf door set

Door opening direction: outside the oven

Isolation: insulated

Door tested: latched

## Performance level(s)

Performance: Fire and smoke control door set

Test method: EN 1634-1

Date: 13.07.2021

Test report issued by: DMT Lathen

Classification: EI 1 93 min., EI 2 94 min.

Width of primary leaf: 1248mm

Width of secondary leaf: 1248mm

Door leaf height: 2485mm

Door thickness: 69mm

Mass of primary leaf: 134 Kg

Mass of secondary leaf: 134 Kg

Restrictions: --

Installation Instructions: --

HPS\_0002\_ITS\_96\_EN\_3-6\_EN

# EN 16035 Hardware Performance Sheet (HPS)

10.03.2022

Product family: ITS 96 EN 3-6

Test report no. **DMT-DO-50-829**

## Building hardware identification

Manufacturer: dormakaba Deutschland GmbH, DORMA Platz 1, 58256 Ennepetal

Manufacturer's product reference: ITS 96 EN 3-6

Type of building hardware: controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 3 | 8 | 3-6 | 1 | 1 | 1 | 4

Main dimensions [mm]: 291x39,5x51

Remarks: --

## Test evidence

Material of door set: timber

Mounting of building hardware: product concealed

Type of door set: double leaf door set

Door opening direction: into the oven

Isolation: insulated

Door tested: latched

## Performance level(s)

Performance: Fire and smoke control door set

Test method: EN 1634-1

Date: 26.01.2021

Test report issued by: DMT Lathen

Classification: EI 1 37 min., EI 2 37 min.

Width of primary leaf: 1331mm

Width of secondary leaf: 1331mm

Door leaf height: 2925mm

Door thickness: 70mm

Mass of primary leaf: 161,4 Kg

Mass of secondary leaf: 125,4 Kg

Restrictions: --

Installation Instructions: --

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# EN 16035 Hardware Performance Sheet (HPS)

10.03.2022

Product family: ITS 96 EN 3-6

**Test report no. 379042**

## **Building hardware identification**

Manufacturer: dormakaba Deutschland GmbH, DORMA Platz 1, 58256 Ennepetal

Manufacturer's product reference: ITS 96 EN 3-6

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 3 | 8 | 3-6 | 1 | 1 | 1 | 4

Main dimensions [mm]: 291x39,5x51

Remarks: --

## **Test evidence**

Material of door set: timber

Mounting of building hardware: product concealed

Type of door set: Hinged, single leaf door set

Door opening direction: into the oven

Isolation: insulated

Door tested: latched

## **Performance level(s)**

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 29.06.2017

Test report issued by: Warrington Fire Research

Classification: EI 2 63min.

Width of primary leaf: 932mm

Width of secondary leaf: --

Door leaf height: 2038mm

Door thickness: 54mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

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# EN 16035 Hardware Performance Sheet (HPS)

10.03.2022

Product family: ITS 96 EN 3-6

Test report no. 5P09529-1

## Building hardware identification

Manufacturer: dormakaba Deutschland GmbH, DORMA Platz 1, 58256 Ennepetal

Manufacturer's product reference: ITS 96 EN 3-6

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 3 | 8 | 3-6 | 1 | 1 | 1 | 4

Main dimensions [mm]: 291x39,5x51

Remarks: --

## Test evidence

Material of door set: steel framed glazed doorsets

Mounting of building hardware: product concealed

Type of door set: Hinged, single leaf door set

Door opening direction: into the oven

Isolation: insulated

Door tested: latched

## Performance level(s)

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 24.02.2016

Test report issued by: SP Sveriges Tekniska Forskningsinstitut AB

Classification: E 68min.

Width of primary leaf: 1010mm

Width of secondary leaf: --

Door leaf height: 2145mm

Door thickness: 50mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

HPS\_0002\_ITS\_96\_EN\_3-6\_EN

# EN 16035 Hardware Performance Sheet (HPS)

10.03.2022

Product family: ITS 96 EN 3-6

Test report no. 5P09529-1

## Building hardware identification

Manufacturer: dormakaba Deutschland GmbH, DORMA Platz 1, 58256 Ennepetal

Manufacturer's product reference: ITS 96 EN 3-6

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 3 | 8 | 3-6 | 1 | 1 | 1 | 4

Main dimensions [mm]: 291x39,5x51

Remarks: --

## Test evidence

Material of door set: steel framed glazed doorsets

Mounting of building hardware: product concealed

Type of door set: Hinged, single leaf door set

Door opening direction: outside the oven

Isolation: insulated

Door tested: latched

## Performance level(s)

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 24.02.2016

Test report issued by: SP Sveriges Tekniska Forskningsinstitut AB

Classification: E 68min.

Width of primary leaf: 1010mm

Width of secondary leaf: --

Door leaf height: 2145mm

Door thickness: 50mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

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# EN 16035 Hardware Performance Sheet (HPS)

10.03.2022

Product family: ITS 96 EN 3-6

Test report no. IT 13-175

## Building hardware identification

Manufacturer: dormakaba Deutschland GmbH, DORMA Platz 1, 58256 Ennepetal

Manufacturer's product reference: ITS 96 EN 3-6

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 3 | 8 | 3-6 | 1 | 1 | 1 | 4

Main dimensions [mm]: 291x39,5x51

Remarks: --

## Test evidence

Material of door set: timber

Mounting of building hardware: product concealed

Type of door set: Hinged, single leaf door set

Door opening direction: into the oven

Isolation: insulated

Door tested: latched

## Performance level(s)

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 18.02.2015

Test report issued by: Forte Testing and Consultants Company Limited

Classification: EI 1 68min.

Width of primary leaf: 850mm

Width of secondary leaf: --

Door leaf height: 2100mm

Door thickness: 47mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

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# EN 16035 Hardware Performance Sheet (HPS)

10.03.2022

Product family: ITS 96 EN 3-6

Test report no. 134657

## Building hardware identification

Manufacturer: dormakaba Deutschland GmbH, DORMA Platz 1, 58256 Ennepetal

Manufacturer's product reference: ITS 96 EN 3-6

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 3 | 8 | 3-6 | 1 | 1 | 1 | 4

Main dimensions [mm]: 291x39,5x51

Remarks: --

## Test evidence

Material of door set: steel

Mounting of building hardware: product concealed

Type of door set: Hinged, single leaf door set

Door opening direction: outside the oven

Isolation: insulated

Door tested: latched

## Performance level(s)

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 22.09.2003

Test report issued by: Warringtonfire

Classification: E 240min.

Width of primary leaf: 1074mm

Width of secondary leaf: --

Door leaf height: 2038mm

Door thickness: 45mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

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# EN 16035 Hardware Performance Sheet (HPS)

10.03.2022

Product family: ITS 96 EN 3-6

**Test report no. 11641**

## **Building hardware identification**

Manufacturer: dormakaba Deutschland GmbH, DORMA Platz 1, 58256 Ennepetal

Manufacturer's product reference: ITS 96 EN 3-6

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 3 | 8 | 3-6 | 1 | 1 | 1 | 4

Main dimensions [mm]: 291x39,5x51

Remarks: --

## **Test evidence**

Material of door set: timber

Mounting of building hardware: product concealed

Type of door set: Hinged, single leaf door set

Door opening direction: outside the oven

Isolation: insulated

Door tested: latched

## **Performance level(s)**

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 16.02.1995

Test report issued by: Warringtonfire

Classification: EI 2 61min.

Width of primary leaf: 915mm

Width of secondary leaf: --mm

Door leaf height: 2040mm

Door thickness: 54mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

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# EN 16035 Hardware Performance Sheet (HPS)

10.03.2022

Product family: ITS 96 EN 3-6

**Test report no. 11640**

## **Building hardware identification**

Manufacturer: dormakaba Deutschland GmbH, DORMA Platz 1, 58256 Ennepetal

Manufacturer's product reference: ITS 96 EN 3-6

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 3 | 8 | 3-6 | 1 | 1 | 1 | 4

Main dimensions [mm]: 291x39,5x51

Remarks: --

## **Test evidence**

Material of door set: timber

Mounting of building hardware: product concealed

Type of door set: Hinged, single leaf door set

Door opening direction: into the oven

Isolation: insulated

Door tested: latched

## **Performance level(s)**

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 06.01.1995

Test report issued by: Warringtonfire

Classification: EI 2 37min.

Width of primary leaf: 916mm

Width of secondary leaf: --mm

Door leaf height: 2040mm

Door thickness: 43mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

HPS\_0002\_ITS\_96\_EN\_3-6\_EN

# EN 16035 Hardware Performance Sheet (HPS)

10.03.2022

Product family: ITS 96 EN 3-6

Test report no. **DMT-DO-51-204**

## **Building hardware identification**

Manufacturer: dormakaba Deutschland GmbH, DORMA Platz 1, 58256 Ennepetal

Manufacturer's product reference: ITS 96 EN 3-6

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 3 | 8 | 3-6 | 1 | 1 | 1 | 4

Main dimensions [mm]: 291x39,5x51

Remarks: --

## **Test evidence**

Material of door set: timber

Mounting of building hardware: product concealed

Type of door set: Hinged, double leaf door set

## **Performance level(s)**

Performance: Durability of selfclosing

Test method: EN 1191

Date: 22.11.2018

Test report issued by: DMT Lathen

Classification: 100 000 cycles

Width of primary leaf: 1300mm

Width of secondary leaf: 1300mm

Door leaf height: 2650mm

Door thickness: 105mm

Mass of primary leaf: 282,5kg

Mass of secondary leaf: 207,0kg

Restrictions: --

Installation Instructions: --

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