

EN 16035 Hardware Performance Sheet (HPS)

16.03.2022

Product family: MK 397

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-50-1065	x								x	x			x		x		x			x	x			x			
DMT-DO-50-923		x							x	x			x		x		x							x			
DMT-DO-50-829		x							x	x			x		x		x						x				
DMT-DO-50-465		x							x	x			x		x		x								x		
210005557			x						x		x	x					x								x		
210005557-02			x						x	x		x		x			x			x					x		
14383	x								x		x		x		x		x									x	
DMT-DO-51-204		x							x	x																	100 000
DMT-DO-51-149		x							x	x																	200 000

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HPS_0005_MK_397_EN

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EN 16035 Hardware Performance Sheet (HPS)

16.03.2022

Product family: MK 397

Test report no. DMT-DO-50-1065

Building hardware identification

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

Manufacturer's product reference: MK 397 V

Type of building hardware: Carry bar

EN building hardware product standard(s): EN 1158

Classification(s): 3 | 8 | 3-7 | 1 | 1 | 1 | 4

Main dimensions [mm]: 235-291x25x30

Remarks: --

Test evidence

Material of door set: steel doorsets

Mounting of building hardware: Surface mounted, product outside the oven

Type of door set: double leaf door set

Door opening direction: inside the oven

Isolation: insulated

Door tested: latched

Performance level(s)

Performance: Fire and smoke control door set

Test method: EN 1634-1

Date: 15.02.2022

Test report issued by: DMT Lathen

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

Width of primary leaf: 1520mm

Width of secondary leaf: 1520mm

Door leaf height: 2993mm

Door thickness: 62mm

Mass of primary leaf: 163 Kg

Mass of secondary leaf: 174 Kg

Restrictions: --

Installation Instructions: --

HPS_0005_MK_397_EN

EN 16035 Hardware Performance Sheet (HPS)

16.03.2022

Product family: MK 397

Test report no. DMT-DO-50-923

Building hardware identification

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

Manufacturer's product reference: MK 397

Type of building hardware: Carry bar

EN building hardware product standard(s): EN 1158

Classification(s): 3 | 8 | 3-7 | 1 | 1 | 1 | 4

Main dimensions [mm]: 235-291x25x30

Remarks: --

Test evidence

Material of door set: timber

Mounting of building hardware: Surface mounted, product inside the oven

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_0005_MK_397_EN

EN 16035 Hardware Performance Sheet (HPS)

16.03.2022

Product family: MK 397

Test report no. DMT-DO-50-829

Building hardware identification

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

Manufacturer's product reference: MK 397

Type of building hardware: Carry bar

EN building hardware product standard(s): EN 1158

Classification(s): 3 | 8 | 3-7 | 1 | 1 | 1 | 4

Main dimensions [mm]: 235-291x25x30

Remarks: --

Test evidence

Material of door set: timber

Mounting of building hardware: Surface mounted, product outside the oven

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: --

HPS_0005_MK_397_EN

EN 16035 Hardware Performance Sheet (HPS)

16.03.2022

Product family: MK 397

Test report no. DMT-DO-50-465

Building hardware identification

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

Manufacturer's product reference: MK 397

Type of building hardware: Carry bar

EN building hardware product standard(s): EN 1158

Classification(s): 3 | 8 | 3-7 | 1 | 1 | 1 | 4

Main dimensions [mm]: 235-291x25x30

Remarks: --

Test evidence

Material of door set: timber

Mounting of building hardware: Surface mounted, product inside the oven

Type of door set: hinged, double 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: 19.12.2017

Test report issued by: DMT Lathen

Classification: EI 2 93 min., EI 1 88 min.

Width of primary leaf: 1300mm

Width of secondary leaf: 1300mm

Door leaf height: 2650mm

Door thickness: 105mm

Mass of primary leaf: 208Kg

Mass of secondary leaf: 208Kg

Restrictions: --

Installation Instructions: --

HPS_0005_MK_397_EN

EN 16035 Hardware Performance Sheet (HPS)

16.03.2022

Product family: MK 397

Test report no. 210005557

Building hardware identification

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

Manufacturer's product reference: MK 397

Type of building hardware: Carry bar, surface mounted

EN building hardware product standard(s): EN 1158

Classification(s): 3 | 8 | 3-7 | 1 | 1 | 1 | 4

Main dimensions [mm]: 235-291x25x30

Remarks: --

Test evidence

Material of door set: aluminium profile

Mounting of building hardware: Surface mounted, product outside the oven

Type of door set: hinged, double 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: 12.01.2011

Test report issued by: MPA NRW

Classification: EI 2 90 min.

Width of primary leaf: --

Width of secondary leaf: --

Door leaf height: --

Door thickness: --

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

HPS_0005_MK_397_EN

EN 16035 Hardware Performance Sheet (HPS)

16.03.2022

Product family: MK 397

Test report no. 210005557-02

Building hardware identification

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

Manufacturer's product reference: MK 397

Type of building hardware: Carry bar, surface mounted

EN building hardware product standard(s): EN 1158

Classification(s): 3 | 8 | 3-7 | 1 | 1 | 1 | 4

Main dimensions [mm]: 235-291x25x30

Remarks: --

Test evidence

Material of door set: aluminium profile

Mounting of building hardware: Surface mounted, product outside the oven

Type of door set: hinged, double 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: 18.11.2009

Test report issued by: MPA NRW

Classification: EI 1 90 min.

Width of primary leaf: 930mm

Width of secondary leaf: 930mm

Door leaf height: 1900mm

Door thickness: 105mm

Mass of primary leaf: 150Kg

Mass of secondary leaf: 150Kg

Restrictions: --

Installation Instructions: --

HPS_0005_MK_397_EN

EN 16035 Hardware Performance Sheet (HPS)

16.03.2022

Product family: MK 397

Test report no. 14383

Building hardware identification

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

Manufacturer's product reference: MK 397

Type of building hardware: Carry bar, surface mounted

EN building hardware product standard(s): EN 1158

Classification(s): 3 | 8 | 3-7 | 1 | 1 | 1 | 4

Main dimensions [mm]: 235-291x25x30

Remarks: --

Test evidence

Material of door set: steel

Mounting of building hardware: Surface mounted, product inside the oven

Type of door set: hinged, double 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: 15.08.2006

Test report issued by: Warringtonfire

Classification: E 240 min.

Width of primary leaf: 1074mm

Width of secondary leaf: 1074mm

Door leaf height: 2390mm

Door thickness: 45mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

HPS_0005_MK_397_EN

EN 16035 Hardware Performance Sheet (HPS)

16.03.2022

Product family: MK 397

Test report no. DMT-DO-51-204

Building hardware identification

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

Manufacturer's product reference: MK 397

Type of building hardware: Carry bar, surface mounted

EN building hardware product standard(s): EN 1158

Classification(s): 3 | 8 | 3-7 | 1 | 1 | 1 | 4

Main dimensions [mm]: 235-291x25x30

Remarks: --

Test evidence

Material of door set: timber

Mounting of building hardware: Surface mounted

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: --

EN 16035 Hardware Performance Sheet (HPS)

16.03.2022

Product family: MK 397

Test report no. DMT-DO-51-149

Building hardware identification

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

Manufacturer's product reference: MK 397

Type of building hardware: Carry bar, surface mounted

EN building hardware product standard(s): EN 1158

Classification(s): 3 | 8 | 3-7 | 1 | 1 | 1 | 4

Main dimensions [mm]: 235-291x25x30

Remarks: --

Test evidence

Material of door set: timber

Mounting of building hardware: Surface mounted

Type of door set: hinged, double leaf door set

Performance level(s)

Performance: Durability of selfclosing

Test method: EN 1191

Date: 22.08.2017

Test report DMT Lathen

Classification: 200 000 cycles

Width of primary leaf: 1300mm

Width of secondary leaf: 1300mm

Door leaf height: 2650mm

Door thickness: 105mm

Mass of primary leaf: 207,5 Kg

Mass of secondary leaf: 207,5 Kg

Restrictions: --

Installation Instructions: --