

EN 16035 Hardware Performance Sheet (HPS)

18.03.2022

Product family: MK 396

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.	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-50-1081		X				X	X			X	X	X			X	X			X	X							
DMT-DO-50-712	X					X	X			X	X	X			X	X						X					
DMT-DO-50-020	X					X		X		X	X	X			X		X			X							

EN 16035 Hardware Performance Sheet (HPS)

18.03.2022

Product family: MK 396

Test report no. DMT-DO-50-1081

Building hardware identification

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

Manufacturer's product reference: MK 396

Type of building hardware: Carry Bar

EN building hardware product standard(s): EN 1158

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

Main dimensions [mm]: 193x25x15

Remarks: --

Test evidence

Material of door set: timber doorsets

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 resisting and smoke control doorset

Test method: EN 1634-1

Date: 03.03.2022

Test report issued by: DMT Lathen

Classification: EI 1 / EI 2 60min.

Width of primary leaf: 1030mm

Width of secondary leaf: 830mm

Door leaf height: 2040mm

Door thickness: 80mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

HPS_0030_MK_396_EN

EN 16035 Hardware Performance Sheet (HPS)

18.03.2022

Product family: MK 396

Test report no. DMT-DO-50-712

Building hardware identification

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

Manufacturer's product reference: MK 396

Type of building hardware: Carry Bar

EN building hardware product standard(s): EN 1158

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

Main dimensions [mm]: 193x25x15

Remarks: --

Test evidence

Material of door set: steel

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: 27.02.2020

Test report issued by: DMT Lathen

Classification: EI 2 90 min., EI 1 90 min.

Width of primary leaf: 978mm

Width of secondary leaf: 978mm

Door leaf height: 2225mm

Door thickness: 64mm

Mass of primary leaf: 103kg

Mass of secondary leaf: 114kg

Restrictions: --

Installation Instructions: --

HPS_0030_MK_396_EN

EN 16035 Hardware Performance Sheet (HPS)

18.03.2022

Product family: MK 396

Test report no. DMT-DO-50-020

Building hardware identification

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

Manufacturer's product reference: MK 396

Type of building hardware: Carry Bar

EN building hardware product standard(s): EN 1158

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

Main dimensions [mm]: 193x25x15

Remarks: --

Test evidence

Material of door set: steel

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: unlatched

Performance level(s)

Performance: Fire and smoke control door set

Test method: EN 1634-1

Date: 31.01.2012

Test report issued by: DMT Lathen

Classification: EI 2 65 min.

Width of primary leaf: 1022mm

Width of secondary leaf: 1022mm

Door leaf height: 1992mm

Door thickness: 62mm

Mass of primary leaf: 101kg

Mass of secondary leaf: 103kg

Restrictions: --

Installation Instructions: --

HPS_0030_MK_396_EN