



# EN 16035 Hardware Performance Sheet (HPS)

TS 98 XEA

**Test report no. DMT-DO-50-465**

## **Building hardware identification**

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

Manufacturer's product reference: TS 98 XEA EN 1-6

Type of building hardware: controlled door closing device

EN building hardware product standard(s): EN 1154

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

Main dimensions [mm]: 327x59x60

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

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: --

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# EN 16035 Hardware Performance Sheet (HPS)

TS 98 XEA

**Test report no. DMT-DO-50-436**

## **Building hardware identification**

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

Manufacturer's product reference: TS 98 XEA EN 1-6

Type of building hardware: controlled door closing device

EN building hardware product standard(s): EN 1154

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

Main dimensions [mm]: 327x59x60

Remarks: --

## **Test evidence**

Material of door set: metal doors

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

Type of door set: hinged, single leaf door set

Isolation: insulated

Door tested: latched

## **Performance level(s)**

Performance: fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 26.09.2017

Test report issued by: DMT Lathen

Classification: EI 2 104 min., EI 1 64 min.

Width of primary leaf: 1498mm

Width of secondary leaf: --

Door leaf height: 2993mm

Door thickness: 62mm

Mass of primary leaf: 195Kg

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

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# EN 16035 Hardware Performance Sheet (HPS)

TS 98 XEA

**Test report no. DMT-DO-50-436**

## **Building hardware identification**

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

Manufacturer's product reference: TS 98 XEA EN 1-6

Type of building hardware: controlled door closing device

EN building hardware product standard(s): EN 1154

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

Main dimensions [mm]: 327x59x60

Remarks: --

## **Test evidence**

Material of door set: metal doors

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

Type of door set: hinged, single leaf door set

Isolation: insulated

Door tested: latched

## **Performance level(s)**

Performance: fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 26.09.2017

Test report issued by: DMT Lathen

Classification: EI 2 90 min., EI 1 65 min.

Width of primary leaf: 1498mm

Width of secondary leaf: --

Door leaf height: 2993mm

Door thickness: 62mm

Mass of primary leaf: 195Kg

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

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# EN 16035 Hardware Performance Sheet (HPS)

TS 98 XEA

**Test report no. DMT-DO-50-379-R2**

## **Building hardware identification**

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

Manufacturer's product reference: TS 98 XEA EN 1-6

Type of building hardware: controlled door closing device

EN building hardware product standard(s): EN 1154

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

Main dimensions [mm]: 327x59x60

Remarks: --

## **Test evidence**

Material of door set: timber

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

Type of door set: hinged, single leaf door set

Isolation: insulated

Door tested: latched

## **Performance level(s)**

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 14.07.2017

Test report issued by: DMT Lathen

Classification: EI 2 125 min., EI 1 125 min.

Width of primary leaf: 1294mm

Width of secondary leaf: --

Door leaf height: 2432mm

Door thickness: 65mm

Mass of primary leaf: 168Kg

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

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# EN 16035 Hardware Performance Sheet (HPS)

TS 98 XEA

**Test report no. DMT-DO-50-379-R2**

## **Building hardware identification**

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

Manufacturer's product reference: TS 98 XEA EN 1-6

Type of building hardware: controlled door closing device

EN building hardware product standard(s): EN 1154

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

Main dimensions [mm]: 327x59x60

Remarks: --

## **Test evidence**

Material of door set: timber

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

Type of door set: hinged, single leaf door set

Isolation: insulated

Door tested: latched

## **Performance level(s)**

Performance: fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 14.07.2017

Test report issued by: DMT Lathen

Classification: EI 2 125 min., EI 1 125 min.

Width of primary leaf: 1294mm

Width of secondary leaf: --

Door leaf height: 2432mm

Door thickness: 65mm

Mass of primary leaf: 168Kg

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

20180206\_HPS\_TS\_98\_XEA\_EN\_1-6\_EN.docx

# EN 16035 Hardware Performance Sheet (HPS)

TS 98 XEA

**Test report no. DMT-DO-51-169**

## **Building hardware identification**

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

Manufacturer's product reference: TS 98 XEA EN 1-6

Type of building hardware: controlled door closing device

EN building hardware product standard(s): EN 1154

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

Main dimensions [mm]: 327x59x60

Remarks: --

## **Test evidence**

Material of door set: timber

Mounting of building hardware: surface mounted

Type of door set: hinged, single leaf door set

Isolation: insulated

Door tested: latched

## **Performance level(s)**

Performance: durability of selfclosing

Test method: EN 1191

Date: 24.10.2017

Test report issued by: DMT Lathen

Classification: 200 000 cycles

Width of primary leaf: 1110mm

Width of secondary leaf: --

Door leaf height: 2110mm

Door thickness: 39mm

Mass of primary leaf: 65Kg

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

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