

# EN 16035 Hardware Performance Sheet (HPS)

01.03.2022

Product family: TS 93 EN5-7

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																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 cycles
Test Report no.	Steel doorsets	Timber doorsets	Aluminium framed glazed doorsets	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 or EI 2 insulated doorset E uninsulated doorset									
DMT-DO-50-915				X	X		X			X	X			X				X							
198681		X			X		X		X		X		X			X			X						
198680		X			X		X		X		X		X			X			X						
198680		X			X		X		X		X		X			X			X						
25131090/23		X			X		X																		1000000
25131090/11	X				X		X																		1000000

# EN 16035 Hardware Performance Sheet (HPS)

01.03.2022

Product family: TS 93 EN5-7

**Test report no. DMT-DO-50-915**

## **Building hardware identification**

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

Manufacturer's product reference: TS 93 B EN 5-7

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 4 | 8 | 5-7 | 1 | 1 | 1 | 4

Main dimensions [mm]: 285x62x71

Remarks: --

## **Test evidence**

Material of door set: Steel framed glazed doorset

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

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: 13.07.2021

Test report issued by: DMT Lathen

Classification: EI 2 69 min.

Width of primary leaf: 1120mm

Width of secondary leaf: --

Door leaf height: 2280mm

Door thickness: 65mm

Mass of primary leaf: 149kg

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

HPS\_0018\_TS\_93\_EN\_5-7\_EN

# EN 16035 Hardware Performance Sheet (HPS)

01.03.2022

Product family: TS 93 EN5-7

**Test report no. 198681**

## **Building hardware identification**

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

Manufacturer's product reference: TS 93 B EN 5-7

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 4 | 8 | 5-7 | 1 | 1 | 1 | 4

Main dimensions [mm]: 285x62x71

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

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: 19.05.2011

Test report issued by: EXOVA Warringtonfire

Classification: EI 1 65min.

Width of primary leaf: 933mm

Width of secondary leaf: --

Door leaf height: 2035mm

Door thickness: 54mm

Mass of primary leaf: 66Kg

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

HPS\_0018\_TS\_93\_EN\_5-7\_EN

# EN 16035 Hardware Performance Sheet (HPS)

01.03.2022

Product family: TS 93 EN5-7

**Test report no. 198680**

## **Building hardware identification**

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

Manufacturer's product reference: TS 93 B EN 5-7

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 4 | 8 | 5-7 | 1 | 1 | 1 | 4

Main dimensions [mm]: 285x62x71

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

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: 19.05.2011

Test report issued by: DMT Lathen

Classification: EI 1 64min.

Width of primary leaf: 933mm

Width of secondary leaf: --

Door leaf height: 2035mm

Door thickness: 54mm

Mass of primary leaf: 66Kg

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

HPS\_0018\_TS\_93\_EN\_5-7\_EN

# EN 16035 Hardware Performance Sheet (HPS)

01.03.2022

Product family: TS 93 EN5-7

**Test report no. 198680**

## **Building hardware identification**

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

Manufacturer's product reference: TS 93 G EN 5-7

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 4 | 8 | 5-7 | 1 | 1 | 1 | 4

Main dimensions [mm]: 285x62x71

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

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: 19.05.2011

Test report issued by: EXOVA Warringtonfire

Classification: EI 1 62min.

Width of primary leaf: 933mm

Width of secondary leaf: --

Door leaf height: 2035mm

Door thickness: 54mm

Mass of primary leaf: 66Kg

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

HPS\_0018\_TS\_93\_EN\_5-7\_EN

# EN 16035 Hardware Performance Sheet (HPS)

01.03.2022

Product family: TS 93 EN5-7

**Test report no. 25131090/23**

## **Building hardware identification**

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

Manufacturer's product reference: TS 93 B EN 5-7

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 4 | 8 | 5-7 | 1 | 1 | 1 | 4

Main dimensions [mm]: 285x62x71

Remarks: --

## **Test evidence**

Material of door set: timber

Mounting of building hardware: Surface mounted

Type of door set: Hinged, single leaf door set

## **Performance level(s)**

Performance: Durability of selfclosing

Test method: EN 1191

Date: 01.12.2006

Test report issued by: ift Rosenheim

Classification: 1 000 000 cycles

Width of primary leaf: 1208mm

Width of secondary leaf: --

Door leaf height: 2472mm

Door thickness: 70mm

Mass of primary leaf: 148Kg

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

HPS\_0018\_TS\_93\_EN\_5-7\_EN

# EN 16035 Hardware Performance Sheet (HPS)

01.03.2022

Product family: TS 93 EN5-7

**Test report no. 25131090/11**

## **Building hardware identification**

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

Manufacturer's product reference: TS 93 B EN 5-7

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 4 | 8 | 5-7 | 1 | 1 | 1 | 4

Main dimensions [mm]: 285x62x71

Remarks: --

## **Test evidence**

Material of door set: steel

Mounting of building hardware: Surface mounted

Type of door set: Hinged, single leaf door set

## **Performance level(s)**

Performance: Durability of selfclosing

Test method: EN 1191

Date: 01.12.2006

Test report issued by: ift Rosenheim

Classification: 1 000 000 cycles

Width of primary leaf: 1241mm

Width of secondary leaf: --

Door leaf height: 2485mm

Door thickness: 63mm

Mass of primary leaf: 177Kg

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

HPS\_0018\_TS\_93\_EN\_5-7\_EN