

EN 16035 Hardware Performance Sheet (HPS)

ED 100 / 250

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 operable windows.

Test Report no.	Timber doors	Steel/metal doors	Aluminium profile	Steel profile	Single leaf	Double leaf	Latched	Unlatched	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	
														EI 1 or EI 2 insulated doorset					E uninsulated doorset				Test cycles
														I1	I2	≥ 30	≥ 60	≥ 90	≥ 30	≥ 60	≥ 90	≥ 240	
178808	x				x			x	x		x												
178808	x				x			x	x		x												
192056		x			x			x	x		x										x		
192056		x			x			x	x		x										x		
210005557-01			x		x	x		x	x		x		x										
DMT-DO-51-149	x				x	x															200 000		
DMT-DO-50-595			x		x	x		x	x		x												
DMT-DO-50-598			x		x	x		x	x		x												
DMT-DO-50-712		x			x	x		x	x		x												

EN 16035 Hardware Performance Sheet (HPS)

ED 100 / 250

Test report no. 178808, EN 1634-1, timber, single leaf, insulated, unlatched

Building hardware identification

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

Manufacturer's product reference: ED 100 EN 2-4

Type of building hardware: Automatic Swing Door Operator

EN building hardware product standard(s): --

Classification(s): --

Main dimensions [mm]: 685 x 70 x 130

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

Performance level(s)

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 02.03.2009

Test report issued by: Warringtonfire

Classification: EI 2 60min.

Width of primary leaf: 928mm

Width of secondary leaf: --

Door leaf height: 2038mm

Door thickness: 53mm

Mass of primary leaf: 67Kg

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

EN 16035 Hardware Performance Sheet (HPS)

ED 100 / 250

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Width of secondary leaf: --

Door leaf height: 2038mm

Door thickness: 53mm

Mass of primary leaf: 67Kg

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

EN 16035 Hardware Performance Sheet (HPS)

ED 100 / 250

Test report no. 192056, EN 1634-1, steel, single leaf, uninsulated, unlatched

Building hardware identification

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

Manufacturer's product reference: ED 250 EN 4-6

Type of building hardware: Automatic Swing Door Operator

EN building hardware product standard(s): --

Classification(s): --

Main dimensions [mm]: 685 x 70 x 130

Remarks: --

Test evidence

Material of door set: steel

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

Type of door set: Hinged, single leaf door set

Performance level(s)

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 28.07.2010

Test report issued by: EXOVA Warringtonfire

Classification: E 240min.

Width of primary leaf: 924mm

Width of secondary leaf: --

Door leaf height: 2051mm

Door thickness: 45mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

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EN 16035 Hardware Performance Sheet (HPS)

ED 100 / 250

Test report no. 192056, EN 1634-1, steel, single leaf, uninsulated, unlatched

Building hardware identification

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

Manufacturer's product reference: ED 250 EN 4-6

Type of building hardware: Automatic Swing Door Operator

EN building hardware product standard(s): --

Classification(s): --

Main dimensions [mm]: 685 x 70 x 130

Remarks: --

Test evidence

Material of door set: steel

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

Type of door set: Hinged, single leaf door set

Performance level(s)

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 28.07.2010

Test report issued by: EXOVA Warringtonfire

Classification: E 240min.

Width of primary leaf: 924mm

Width of secondary leaf: --

Door leaf height: 2051mm

Door thickness: 45mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

EN 16035 Hardware Performance Sheet (HPS)

ED 100 / 250

Test report no. 210005557-01, EN 1634-1, aluminium profile, double leaf, insulated, latched

Building hardware identification

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

Manufacturer's product reference: ED 250 EN 4-6

Type of building hardware: Automatic Swing Door Operator

EN building hardware product standard(s): --

Classification(s): --

Main dimensions [mm]: 685 x 70 x 130

Remarks: --

Test evidence

Material of door set: aluminium profile

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

Type of door set: Hinged, double leaf door set

Performance level(s)

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 17.11.2009

Test report issued by: MPA NRW1

Classification: EI 1 90min.

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: --

EN 16035 Hardware Performance Sheet (HPS)

ED 100 / 250

Test report no. DMT-DO-51-149, EN 1634-1, timber, double leaf, uninsulated, latched

Building hardware identification

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

Manufacturer's product reference: ED 250

Type of building hardware: Swing Door Operator

EN building hardware product standard(s): --

Classification(s): --

Main dimensions [mm]: 685 x 70 x 130

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 issued by: DMT Lathen

Classification: 200 000 test cycles

Width of primary leaf: 1300mm

Width of secondary leaf: 1300mm

Door leaf height: 2650mm

Door thickness: 105mm

Mass of primary leaf: 278Kg

Mass of secondary leaf: 205Kg

Restrictions: --

Installation Instructions: --

EN 16035 Hardware Performance Sheet (HPS)

ED 100 / 250

Test report no. DMT-DO-50-595, EN 1634-1, steel profil, double leaf, insulated, latched

Building hardware identification

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

Manufacturer's product reference: ED 250

Type of building hardware: Swing Door Operator

EN building hardware product standard(s): --

Classification(s): --

Main dimensions [mm]: 685 x 70 x 130

Remarks: --

Test evidence

Material of door set: Steel profile

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

Type of door set: hinged, double leaf door set

Performance level(s)

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 13.03.2019

Test report issued by: DMT Lathen

Classification: EI 2 90min.

Width of primary leaf: 700mm

Width of secondary leaf: 700mm

Door leaf height: 2500mm

Door thickness: 70mm

Mass of primary leaf: 162Kg

Mass of secondary leaf: 162Kg

Restrictions: --

Installation Instructions: --

EN 16035 Hardware Performance Sheet (HPS)

ED 100 / 250

Test report no. DMT-DO-50-598, EN 1634-1, aluminium profil, double leaf, insulated, latched

Building hardware identification

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

Manufacturer's product reference: ED 250

Type of building hardware: Swing Door Operator

EN building hardware product standard(s): --

Classification(s): --

Main dimensions [mm]: 685 x 70 x 130

Remarks: --

Test evidence

Material of door set: aluminium profile

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

Type of door set: hinged, double leaf door set

Performance level(s)

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 03.04.2019

Test report issued by: DMT Lathen

Classification: EI 2 90min.

Width of primary leaf: 960mm

Width of secondary leaf: 960mm

Door leaf height: 2225mm

Door thickness: 90mm

Mass of primary leaf: 187Kg

Mass of secondary leaf: 188Kg

Restrictions: --

Installation Instructions: --

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EN 16035 Hardware Performance Sheet (HPS)

ED 100 / 250

Test report no. DMT-DO-50-712, EN 1634-1, steel, double leaf, insulated, latched

Building hardware identification

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

Manufacturer's product reference: ED 250

Type of building hardware: Swing Door Operator

EN building hardware product standard(s): --

Classification(s): --

Main dimensions [mm]: 685 x 70 x 130

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

Performance level(s)

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 27.02.2020

Test report issued by: DMT Lathen

Classification: EI 2 90min.

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: --