

## Certificate of constancy of performance 0432-CPR-00026-12

Version 01

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction products Regulation or CPR), this certificate applies to the construction product

### Emergency exit devices DORMA 18x

emergency exit devices operated by a lever handle or push pad for single or double leaf doors for use on escape routes with intended use according annex 4 and as detailed and classified on annex 2

placed on the market under the name or trade mark of

### dormakaba Deutschland GmbH

DORMA Platz 1  
58256 Ennepetal  
Deutschland

and produced in the manufacturing plant(s)

### DO 5.3

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in annex ZA of the standard(s)

### EN 179:2008

under **system 1** for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

### constancy of performance of the construction product.

This certificate was first issued on 29.11.2016 and will remain valid until 29.11.2021 as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Dortmund, 29.11.2016



Dipl.-Ing. Jessen  
Head of Certification Body Department 22

This Certificate consists of 1 page and 4 annex(es).

This Certificate replaces the Certificate no. 0432-CPD-0138 dated 19.02.2013.

The original of this document was issued in German language.

In case of doubt only the German version is valid.



## Emergency exit devices DORMA 18x

### Manufacturing plants

Product	manufacturing plant
locks	DO 5.3
handles	<p>DORMA Beschlagtechnik GmbH  Donnenberger Str. 2  D-42553 Velbert  DO 20.4</p> <p>-----</p> <p>FSB Franz Schneider Brakel GmbH  Nieheimer Straße 38  D-33034 Brakel  DO 20.03</p> <p>-----</p> <p>HEWI Heinrich Wilke GmbH  Hagenstrasse 2  D-34454 Bad Arolsen-Mengershausen  DO 20.13, DO 20.14</p> <p>-----</p> <p>Grundmann Beschlagtechnik GmbH  Wilhelm Grundmann Str. 24  A-3170 Hainfeld  Österreich  DO 20.26</p> <p>-----</p> <p>HOPPE AG  Havelstraße 31  D-35620 Stadtallendorf  DO 20.5, DO 20.7, DO 20.20</p> <p>-----</p> <p>Kaba GmbH  Wiener Straße 41-43  A 3130 Herzogenburg  Österreich  DO 20.31</p> <p>-----</p> <p>DORMA Time and Access GmbH  Mainzer Strasse 36-52  D-53179 Bonn  DO 20.54</p> <p>-----</p>



# Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

handles	<p>SimonsVoss Technologies AG Feringastrasse 4 85774 Unterföhring DO 20.55</p> <p>-----</p> <p>Süd-Metall Beschläge GmbH Sägewerkstr.5 D-83404 Ainringen ift 230 8008783-4-1</p>
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## Emergency exit devices DORMA 18x

### Locks

(DORMA 181/182/183)

No.	Item no.	VS-type	Function	Backset	Entraxe	Forend width	Accesories	Classification	Drk
1	510000xxx	B/D	I <sup>a)</sup>	72 mm PZ	55 mm 65 mm	20 mm 24 mm	Strike plate	3 7 7 B 1 3 4 2 A B/D	1-8
2	510000xxx	B	III <sup>a)</sup>	72 mm PZ	55 mm 65 mm	24 mm	Strike plate	3 7 7 B 1 3 4 2 A B	1-8
3	510000xxx	B/D	IV / IVc	72 mm PZ	55 mm 65 mm	20 mm 24 mm	Strike plate	3 7 7 B 1 3 4 2 A B/D	1-8

Max. door leaf weight: 250 kg

Max. door leaf width: 1300mm

Max. door leaf height: 2500mm

Cmb: Shows each matching latch for the other door leaf. Only with latches for double-leaf doors.

Function I: One-piece spindle hub, constantly active escape door function.

It is always possible to use the handle on the inside to open the door. The door can only be opened from the outside using the key in the track cylinder core.

Function III: Split spindle hub, constantly active escape door function from the inside.

It is always possible to use the handle on the inside to open the door. The handle on the outside is either permanently engaged or permanently disengaged using the key. The latch can only be operated from the outside by the key. Once the handle on the inside has been used to open the door, the door can also be opened from the outside until it is relocked manually.

Function IV: Split follower, constantly active escape door function from the inside.

It is always possible to use the handle on the inside to open the door. The handle on the outside is either permanently engaged or permanently disengaged using the key. The latch can only be operated from the outside by the key. Once the handle on the inside has been used to open the door, it cannot be opened by the handle on the outside either.

Function IVc: Split follower, constantly active escape door function from the inside.

It is always possible to use the handle on the inside to open the door. The handle on the outside is either permanently engaged or permanently disengaged using the key. The latch can only be operated from the outside by the key. Once the handle on the inside has been used to open the door, it cannot be opened by the handle on the outside either. The key can only be removed in the disengaged position.

Drk: Shows the handles with which the latches can be fitted.

a) In case of cylinders (PZ,RZ) as standard- or half-cylinders the escape door function of the lock is only ensured with removed key.

b) all kinds of cylinders do not have influence on the escape function of the lock.

VS-type A: lock for a single or a double leaf door: active or inactive leaf.

VS-type B: lock for a single leaf door.

VS-type C: lock for a double leaf door: only inactive leaf.

VS-type D: lock for inside opening single leaf doors

### Handles

No.	manufacturer	coding
1	DORMA Beschlagtechnik GmbH	DO 20.4.01 DO 20.4.02
2	FSB	DO 20.3.01 DO 20.3.02
3	HEWI	DO 20.13.01 DO 20.13.02
4	HOPPE	DO 20.5.01 DO 20.5.02 DO 20.7.01 DO 20.7.02 DO 20.20.01 DO 20.20.02
5	Grundmann	DO 20.26.01 DO 20.26.02
6	KABA	DO 20.31.01 DO 20.31.02
7	SimonsVoss	DO 20.55.01
8	Südmittel	ift 230 8008783-4-1



## Alternative and additional equipment

### 1. Cylinders

4.1.28 of DIN EN 179: 2008 applies.

### 2. Outside handles

Devices type A or type B the special handles model Matrix Air according to P-120004656 can be used as outside handles. The handles must cording DO 2.1.

The combination with "DORMA XS Fitting" (DO 20.54) as external access device is possible.

### 3. Special striking plates

Alternative to the standard strike plates, the type A locks (only single leaf doors) may also be equipped with special striking plates. The special striking plates require a proof of use from a testing laboratory.

**Intended use:**

For use on single and double leaf door in escape routes

Essential characteristic	Requirement clauses EN 179: 2008	Performance
<b>Ability to release</b> (for locked doors on escape routes)	<b>4.2.1</b> Threshold according to table 1 Lever handle design Door mass and dimensions  Release forces Security requirement	passed Dimensions: 1300 mm width, 2500 mm high): (Grade 7: 250 kg): passed  ( $\leq 70N$ ) passed (Grade 4, 3000 N) passed
<b>Durability of ability to release against aging and degradation</b> (for locked doors on escape routes)	<b>4.2.1</b> Threshold according to table 1 Corrosion resistancet Temperature range Re-engagement force Durability  Abuse resistance –handle  Final examination	(handle Type A) Pass Grade 3 (96h, $\leq 100N$ ) passed (-10°C to +60°C, $\leq 105N$ ) passed ( $\leq 50 N$ ) passed (intended use for the door Grade B, D: 200.000 cycles): Grade 7: passed  (500N, 1000N:) passed  (Release forces ( $\leq 70N$ ): passed Door free movement) passed
<b>Self-closing ability C</b> (for fire/smoke doors on escape routes)	<b>4.2.1</b> Threshold according to table 1 Re-engagement force	( $\leq 50N$ ) passed
<b>Durability of Self closing ability C against aging and degradation</b> (for fire/smoke doors on escape routes)	<b>4.2.1</b> Threshold according to table 1 Durability  Re-engagement force	(intended use for the door Grade B, D: 200.000 cycles, Grade 7): passed  ( $\leq 50 N$ ) passed
<b>Resistance to fire E (integrity) and I(insulation)</b> (for use on fire doors on escape routes)	<b>4.2.1</b> Threshold according to table 1, annex B	Performance depending on the used handles.  Grade B: passed
<b>Control of dangerous substances</b>	<b>4.1.29</b> Note2 in ZA.1	According to the manufacturer the materials in the lock do not contain or release any dangerous substances in excess of maximum levels specified in existing European material standards or any national regulations