

Materialprüfungsamt Nordrhein-Westfalen

Prüfen • Überwachen • Zertifizieren

**Certificate of Constancy of performance
0432-CPR-00026-02**

Version 03

In compliance with Regulation 305/2011/EU 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

Panic exit devices DORMA PHA 2500 and PHA 1500 (VB)

Panic exit devices operated by a horizontal bar for single and double leaf doors
as detailed on appendix 2 and 3,

produced by or for

DORMA Deutschland GmbHDORMA Platz 1
D-58256 Ennepetal

and produced in the manufacturing plant(s)

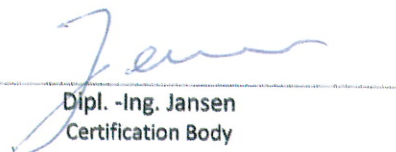
see annex 1

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

EN 1125: 2008 (D)under **system 1** are applied and that**the product fulfils (products fulfil) all the prescribed requirements set out above.**

This certificate was first issued on 26.02.2015 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly, or latest on 26.02.2020.

Dortmund, 25.10.2017


Dipl.-Ing. Jansen
Certification Body

This Certificate consists of 1 page and 3 annex(es).

This Certificate replaces the Certificate no. 0432 – CPR – 00026-02 dated 07.08.2016, Version 02.

The original of this document was issued in German language. In case of doubt only the German version is valid.



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Panic exit devices according DIN EN 1125 for single leaf doors

Description:

Panic exit devices

System DORMA PHA 2500

Locking device

PHA 2555 for single leaf doors, 1-point-locking

Item no.	Vs-Type	Function	Backset	DIN	Entraxe	Forend width	Accessories	Classifikation
PHA 2555 ^{b)}	B	Z	65 mm	L	72 mm PZ	24 mm	Strike plate 5110531332 lever pin PH 150, PH 170, PH180	3 7 7 B 1 3 2 2 A B
	B	Z	65 mm	R	72 mm PZ	24 mm	Strike plate 5110531332 lever pin PH 150, PH 170, PH 180	3 7 7 B 1 3 2 2 A B

PHA 2500 VB for single leaf doors , 1-point-locking

item no.	Vs-Type	Function	Backset	DIN	Entraxe	Forend width	Accessories	Classifikation
PHA 2500 VB ^{b)}	B	Function III	55 mm	L	72 mm PZ	24 mm	Strike plate 276014 lever pin PH 150, PH 170, PH 180	3 7 7 B 1 3 2 2 A B
		Function III				20 mm		
		Function I				24 mm		
		Function I				20 mm		
		Function IV				24 mm		
		Function IV				20 mm		
	B	Function III	65 mm	L	72 mm PZ	24 mm	Strike plate 276014 lever pin PH 150, PH 170, PH 180	3 7 7 B 1 3 2 2 A B
		Function III				20 mm		
		Function I				24 mm		
		Function I				20 mm		
		Function IV				24 mm		
		Function IV				20 mm		
	B	Function III	80 mm	L	72 mm PZ	24 mm	Strike plate 276014 lever pin PH 150, PH 170, PH 180	3 7 7 B 1 3 2 2 A B
		Function III				20 mm		
		Function I				24 mm		
		Function I				20 mm		
Function IV		24 mm						
Function IV		20 mm						
B	Function III	55 mm	R	72 mm PZ	24 mm	Strike plate 276014 lever pin PH 150, PH 170, PH 180	3 7 7 B 1 3 2 2 A B	
	Function III				20 mm			
	Function I				24 mm			
	Function I				20 mm			
	Function IV				24 mm			
	Function IV				20 mm			

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Item no.	Vs-Type	Function	Backset	DIN	Entraxe	Forend width	Accessories	Classifikation
PHA 2500 VB ¹⁾	B	Function III	65 mm	R	72 mm PZ	24 mm	Strike plate 276014 lever pin PH 150, PH 170, PH 180	3 7 7 B 1 3 2 2 A B
		Function III				20 mm		
		Function I				24 mm		
		Function I				20 mm		
		Function IV				24 mm		
	Function IV	20 mm						
	B	Function III	80 mm	R	72 mm PZ	24 mm	Strike plate 276014 lever pin PH150, PH 170, PH180	
		Function III				20 mm		
		Function I				24 mm		
		Function I				20 mm		
		Function IV				24 mm		
	Function IV	20 mm						
	B	Function I	65 mm	L	74 mm RZ	20 mm	Strike plate 276014 lever pin PH 150, PH 170, PH 180	
		Function IV		R	74 mm RZ			
		Function I						
Function IV								

¹⁾ Accessoires: The products may be used in door frames / steel frames with a recess for latch and lock bolt according to DIN 18111.

Maximum weight of door leaf: 400 kg
 Maximum height of door leaf: 1300 mm
 Maximum width of door leaf: 3500 mm

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PHA 2500 / PHA 1500 with SVP-lock next generation for single leaf doors, 1-point-locking

Item no.	Vs-Type	Function	Backset	DIN	Entraxe	Forend width	Accessories ¹⁾	Classification
PHA 2500 ^{b)} with SVP 2000, SVP 4000, SVP 5000 and SVP 6000	B	SVP	50 mm bis 65 mm	L/R	70 mm PZ, 72 mm PZ 74 mm RZ	20 mm- 24 mm	Angular- and lipped strike plate, lever pin PH150, PH 180	3 1 7 1 7 B 1 1 4 2 2 A B
PHA 1500 ^{b)} or ECO EPN 900 IV ^{b)} with SVP 2000, SVP 4000, SVP 5000 and SVP 6000	B	SVP	50 mm bis 65 mm	L/R	70 mm PZ, 72 mm PZ 74 mm RZ	20 mm- 24 mm	Angular- and lipped strike plate, lever pin PH150, PH 180	3 1 7 1 7 B 1 1 4 2 2 A B

Maximum weight of door leaf: 250 kg
 Maximum height of door leaf: 1300 mm
 Maximum width of door leaf: 2500 mm

- 1) Accessoires: The products may be used in door frames / steel frames with a recess for latch and lock bolt according to DIN 18111.
- a) With lock cylinders (PZ/RZ) as standard or half cylinder locks, the escape door function of the lock is only guaranteed when the key is removed.
- b) All lock cylinder designs have no influence on the perfect escape door function (as a special function if desired).

- 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.
 Shift function E
- 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.
 Access function D
- Function IV: 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, it cannot be opened by the handle on the outside either.
 Shift function B
- Function IVb: 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 lock has no latch.
 Special function : Z
- 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.

Remark: In agreement with the terms of the German building regulation legislation, a lock of VS-type B according to DIN EN 1125 (lock for single leaf doors) can be used also in the active leaf of a double leaf door, if:

a) the inactive leaf catch is secured against maloperation, and
 b) the passage width of the active leaf is sufficient as escape route width.

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Bar PHA 2105 (push bar)

Handle length	Material
Max. 1300 mm	steel

Handle

Manufacturer	Codierung
DORMA Beschlagtechnik GmbH	DO 20.04

Panic exit devices according DIN EN 1125 for double leaf doors

PHA 2560, active leaf locking device for double leaf VB-doors, 1-point locking

Item no.	Vs-Type	Function	Backset	DIN	Entraxe	Forend width	Accessories	Classification
PHA 2560 ^{a)}	A	Function III	55 mm	L	72 mm	24 mm	Lever pin PH 150, PH 170, PH 180	3 1 7 7 B 1 1 3 2 2 A A
		Function I						
		Function IV						
		Function III						
		Function I	65 mm					
		Function IV						
		Function III						
		Function I						
	A	Function III	55 mm	L	72 mm	20 mm	Lever pin PH 150, PH 170, PH 180	
		Function I						
		Function IV						
		Function III						
		Function I	65 mm					
		Function IV						
		Function III						
		Function I						
	A	Function III	55 mm	R	72mm	24mm	Lever pin PH 150, PH 170, PH 180	
		Function I						
		Function IV						
		Function III						
		Function I	65 mm					
		Function IV						
		Function III						
		Function I						
A	Function III	55 mm	R	72 mm	20 mm	Lever pin PH 150, PH 170, PH 180		
	Function I							
	Function IV							
	Function III							
	Function I	65 mm						
	Function IV							
	Function III							
	Function I							
A	Function I	65 mm	L	94 mm RZ	20 mm	Lever pin PH 150, PH 170, PH 180		
	Function IV							
	Function I							
	Function IV							
	A	Function I		65 mm			R	94 mm RZ
								94 mm RZ
								94 mm RZ
								94 mm RZ

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PHA 2570 TRS, inactive leaf locking device for double leaf VB-doors

Item no.	Vs-Type	Function	Backset	DIN	Entraxe	Forend width	Accessories	Classification	
PHA 2570 TRS	C	---	65 mm	L	---	24 mm	floor strike PHA 2120, 2121, 2122 strike plate PHA 7380, 7337 Lever pin PH 150, PH 170, PH 180	3 1 7 1 7 B 1 1 3 2 2 A C	
			80 mm			20 mm			
			65 mm			24 mm			
			80 mm	20 mm					
			65 mm	R		20 mm			
			80 mm						
	C	---	65 mm	L	---	20 mm lipped forend width			3 1 7 1 7 B 1 1 3 2 2 A C
	C	---	65 mm	R	---	20 mm angular forend width			
						20 mm lipped forend width			
						20 mm angular forend width			

Maximum weight of door leaf: 400 kg
 Maximum height of door leaf: 1300 mm
 Maximum width of door leaf: 3500 mm

- 1) Accessoires: The products may be used in door frames / steel frames with a recess for latch and lock bolt according to DIN 18111.
- a) With lock cylinders (PZ/RZ) as standard or half cylinder locks, the escape door function of the lock is only guaranteed when the key is removed.
- b) All lock cylinder designs have no influence on the perfect escape door function (as a special function if desired).

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.
 Access function D

Function IV: 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, it cannot be opened by the handle on the outside either.
 Shift function B

Funktion IVb: 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 lock has no latch.
 Special function : Z

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.

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Remark: In agreement with the terms of the German building regulation legislation, a lock of VS-type B according to DIN EN 1125 (lock for single leaf doors) can be used also in the active leaf of a double leaf door, if:

- a) the inactive leaf catch is secured against maloperation, and
- b) the passage width of the active leaf is sufficient as escape route width.

Vertical rod

Artikel
PHA 2160, Vertical rod above, use of timber doors
PHA 2161, Vertical rod below, use of timber doors

Bar PHA 2105 (push bar)

Handle length	Material
Max. 1150 mm	steel

Accessories

Artikel
PHA 9834, sprung latch (use for: TRS active leaf)
Strike plate electric opener for double leaf
U-plate for latch
Forend plate set for strike box
Strike adapter (plate for forend)

Remark: All latches in this certificate with a forend width 28 mm have no influence on the perfect escape door function.

Handle

Manufacturer	Codierung
DORMA Beschlagtechnik GmbH	DO 20.04

Panic exit devices DORMA PHA 2500**Alternative- & special – equipment****1. Outside door handle**

Door handles according to DIN 18273 with valid conformity certificate can be used as outside door handle.

2. Escape route security

As an alternative to the standard strike plate the panic exit devices may also be used with the following products:

Manufacturer:	Product
DORMA Deutschland GmbH	DORMA Smoke (117RS), DORMA Smoke 448 Electric strikes (working current principle = energized locking) for smoke doors. Consider the general building certificate P-120002268.4
DORMA Deutschland GmbH	DORMA Fire 447, DORMA Fire 448 Electric strikes (working current principle = energized locking) for fire and smoke doors. Consider the general building certificate P-120002268.3