

DORMA GmbH & Co. KG
DORMA Platz 1
58256 Ennepetal
Germany

als verantwortlicher Hersteller der / as the manufacturer responsible for the / in qualità di responsabile produttore del

Türschließmittel mit kontrolliertem Schließablauf
Controlled door closing devices
Dispositivo per il controllo di chiusura

DORMA TS71, DORMA TS72
EG Konformitätszertifikat: 0432 – BPR - 0054


erklärt hiermit die Übereinstimmung, der oben aufgeführten Produkte/Systeme mit den zutreffenden Anforderungen über die Sicherheitsziele folgender Richtlinie des Rates zur Angleichung der Rechtsvorschriften der Mitgliedstaaten der EG /
hereby confirms that products/systems corresponding to the above type of construction comply with all the essential health and safety requirements applying to them as pursuant to the European Council Directive on the Approximation of the Laws of the Member States, and specifically with the following European Council Directives /

Con la presente si certifica che i prodotti/sistemi sopra menzionati sono conformi a tutte le caratteristiche di salute e igiene richieste dal Consiglio di Direzione Europeo in base alle leggi in vigore degli Stati membri e in particolare con le Direttive del Consiglio Europeo:

- | | | |
|-------------------------------------|---------------------------|--------------------------------------------------------------------|
| <input type="checkbox"/> | 73/23/EWG/EEC/CEE | Niederspannungsrichtlinie / Low voltage directive |
| <input checked="" type="checkbox"/> | 89/106/EWG/EEC/CEE | Bauprodukte / Building products / Prodotti da costruzione |
| <input type="checkbox"/> | 89/336/EWG/EEC/CEE | Elektromagnetische Verträglichkeit / Electromagnetic compatibility |
| <input type="checkbox"/> | 98/37/EG | Maschinenrichtlinie / Machinery directive |

Es wurden die produktrelevanten Abschnitte der folgenden Normen und Bestimmungen angewandt /
In view of the relevant paragraphs for our product, this declaration is based on the following applied standards / Con riferimento ai paragrafi delle normative applicabili ai prodotti sopraelencati, questa dichiarazione si applica specificatamente ai seguenti standard evidenziati:

- | | | | | | | |
|---------------------------------------------------------------------------------------------------|--------------------------|--------------|--------------------------|------------------|-------------------------------------|----------------|
| Harmonisierte europäische Norm /
Harmonized European standards /
Norma Europea armonizzata: | <input type="checkbox"/> | EN 292-2 | <input type="checkbox"/> | EN 61000 - 6 - 2 | <input checked="" type="checkbox"/> | EN 1154 |
| | <input type="checkbox"/> | EN 294 | <input type="checkbox"/> | EN 55014 | <input type="checkbox"/> | EN 1155 |
| | <input type="checkbox"/> | EN 50081 - 1 | <input type="checkbox"/> | EN 55022 | <input type="checkbox"/> | EN 1158 |
| | <input type="checkbox"/> | EN 50081 - 2 | <input type="checkbox"/> | EN 60335 - 1 | <input type="checkbox"/> | EN 1125 |
| | <input type="checkbox"/> | EN 50082 - 1 | <input type="checkbox"/> | EN 60950 - 1 | <input type="checkbox"/> | EN 179 |
| | <input type="checkbox"/> | EN 50082 - 2 | <input type="checkbox"/> | | <input type="checkbox"/> | |



ppa. J. Lankes



Ennepetal, 12.05.2010

CE mark for building products
Door closer approved to EN 1154

PACKAGE CONTENTS

- Door closer with cover
- Standard Arm
- Mounting plate
- Screw pack
- Drilling template
- Mounting instruction (Figures)
- Mounting instruction, Instruction for use, Maintenance, (Text)

MOUNTING INSTRUCTION

Please read mounting instruction carefully and follow mounting drawings.
 Mounting position of the door closer (standard fixing on door leaf, hinge side) can be seen from the instruction.

- 1** If there are no pre-drilled bore holes at the door, use drilling template, mark drill holes, drill pilot hole of core diameter \varnothing 4,2 mm and tap thread (M 5).
- 2** Screw on the mounting plate with M5x16 screws enclosed.
- 3** Fix the door closer with M5x36 screws enclosed to the mounting plate.
- 4** Arm assembly: separate adjustment arm from main arm.
- 5** Fix the main arm with M 8 screw to the door closer spindle.
- 6** Adjust the adjustment arm according to the door width to size EN3 or EN4 and fix it with two M 5 x 12 screws.
- 7** Adjust the length of the adjustment arm in accordance to the mounting position and the end latch function.
- 8** Adjust closing speed in the area from 180° to 15° by valve no. 1- according to standard EN 1154 closing time from 90° door opening angle should be between 3 and 7 seconds.
- 9** Adjust closing speed in the area from 15° to 0° by valve no. 2 in such a way that hand or fingers are not squeezed between the door frame and door leaf.
- 10** Clip on the cover.

INSTRUCTION FOR USE

The closing action should be in line with EN 1154 in order to avoid hazard and to safeguard the door (see positions 8 and 9 Mounting instruction).
 The cover has to be installed at any time in order to prevent mishandling of the valves.
 Make sure that the closing cycle is not affected by friction (e.g. rubbing of the door leaf on the floor) or obstacles.
 Do not tamper with the door closer or with the arm assembly.

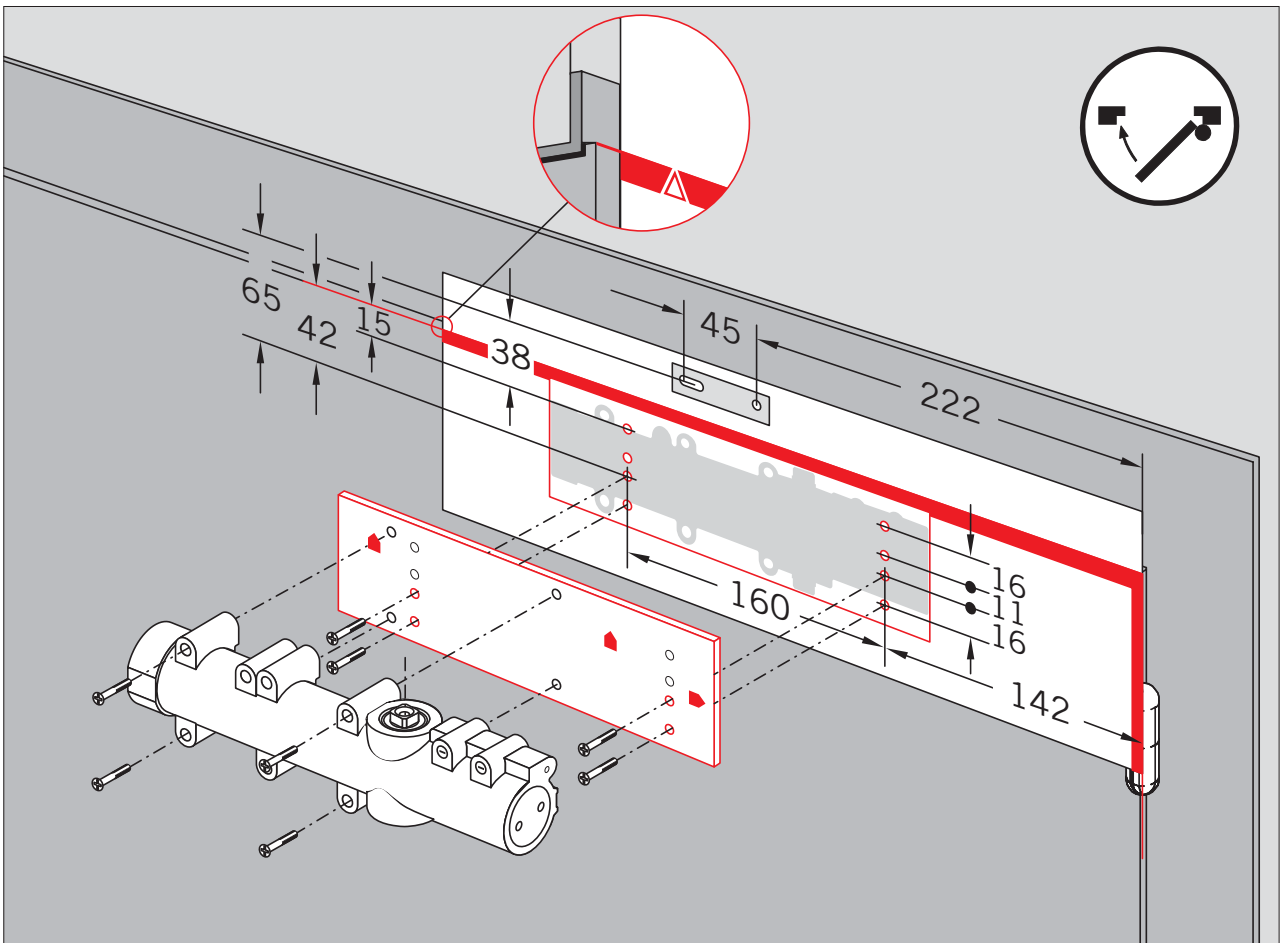
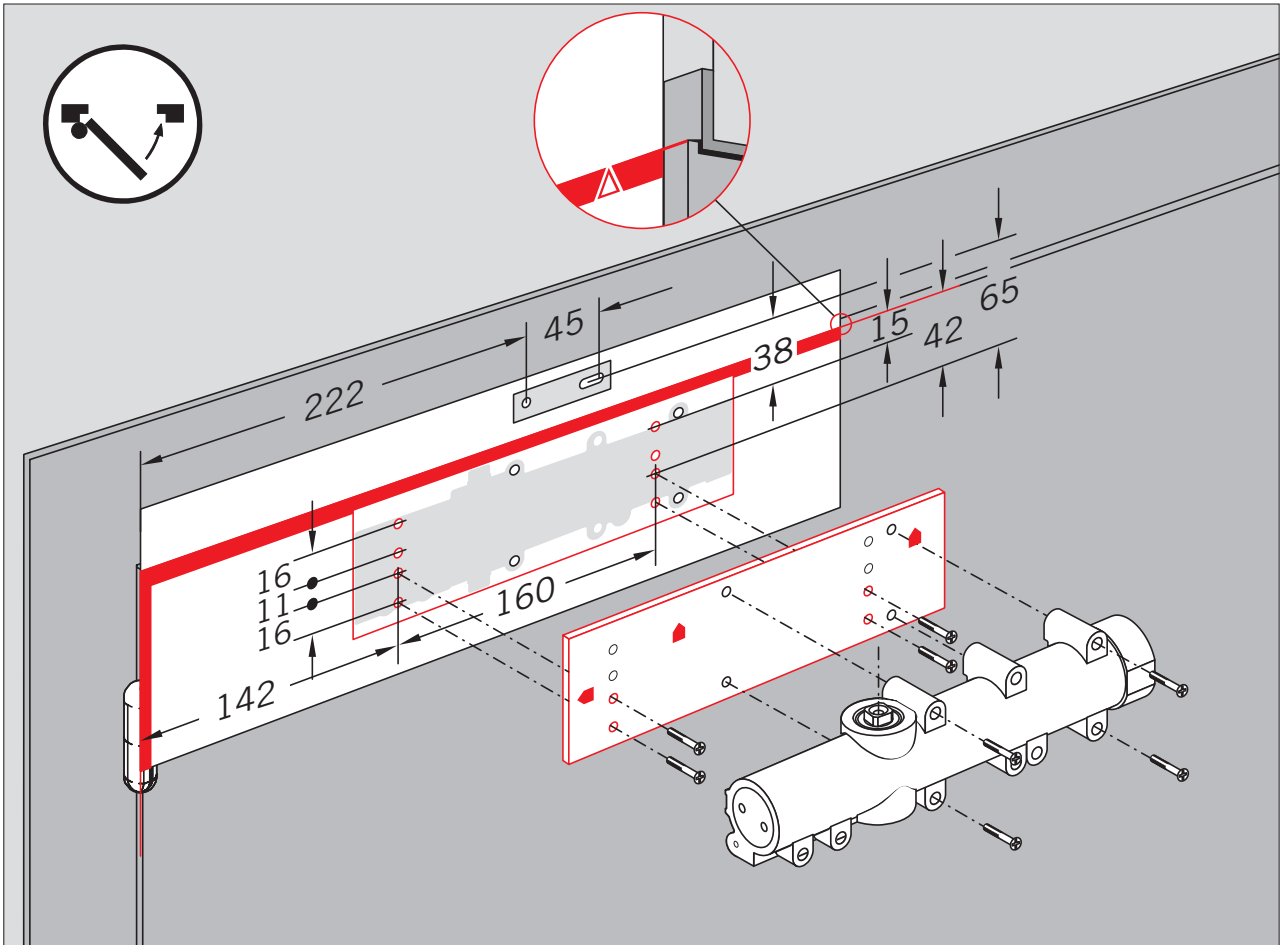
MAINTENANCE

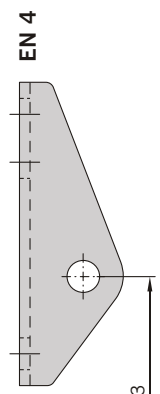
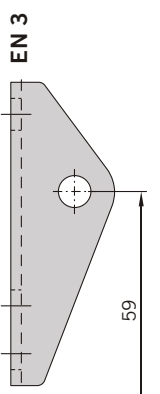
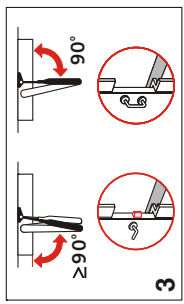
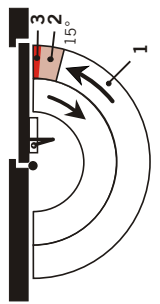
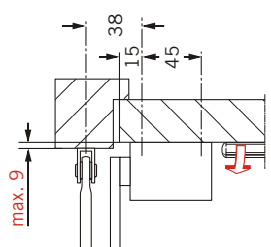
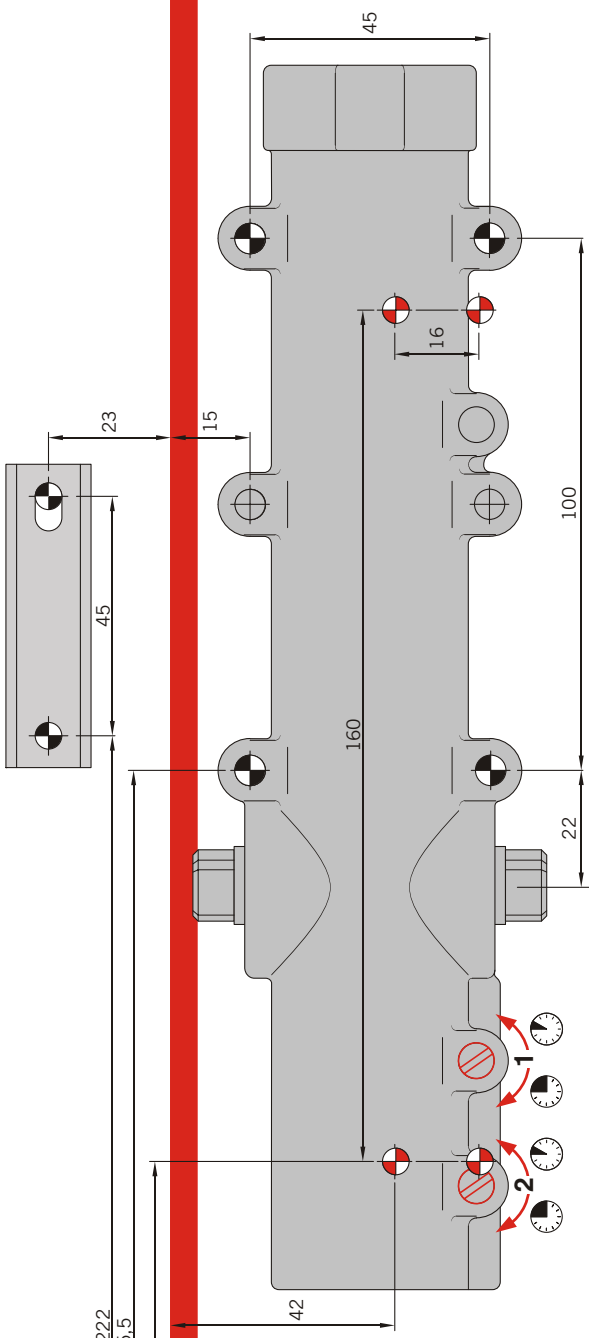
Door closers should be regularly controlled each month, a thorough inspection should be effected each 6 months.
 Check fixing screws to ensure they are tight and secure.
 Check closing speed and end latch according to requirements of EN 1154 (see positions 8 and 9 Mounting instruction).
 Check that there are no oil leakages.
 Check for ease of door operation.
 Keep the door closer clean.
 Replace the door closer if the closer is not performing as required.



Please keep this instruction for a correct maintenance of the door and all component.

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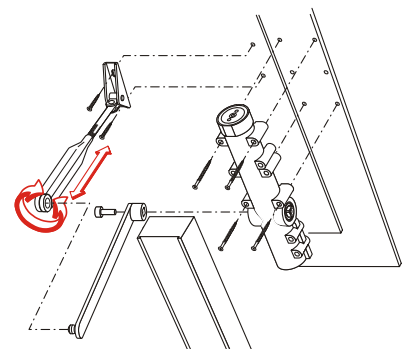
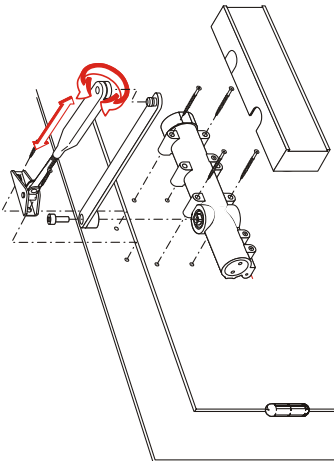




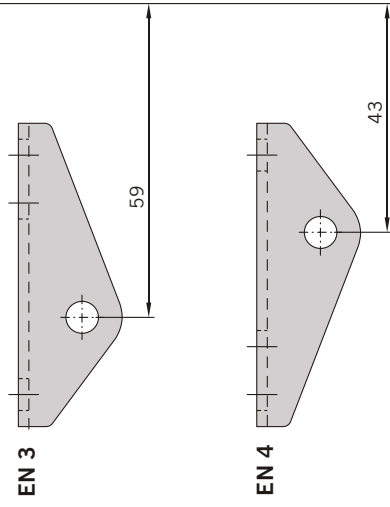
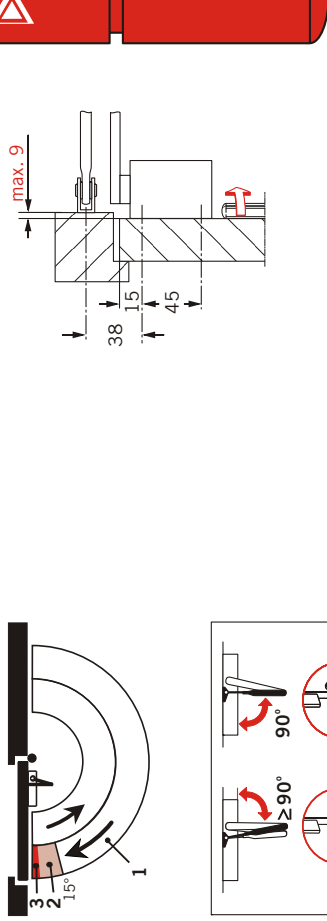
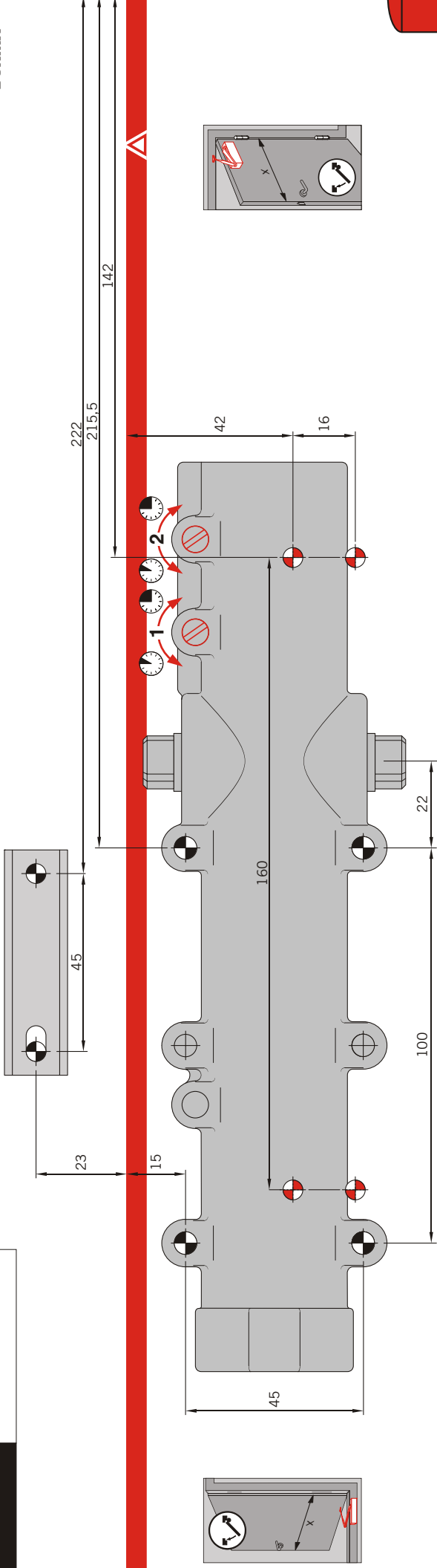
CE	DORMA GmbH + Co. KG		04	
	Postfach 4009 58 247 Ennepetal			
0432-BPR-0054	EN 1154:1996+A1:2002	4	8	3/4
Dangerous substances: None				

X max.	EN 3	EN 4
	850 mm	1100 mm

Art. Nr.: 220021xx



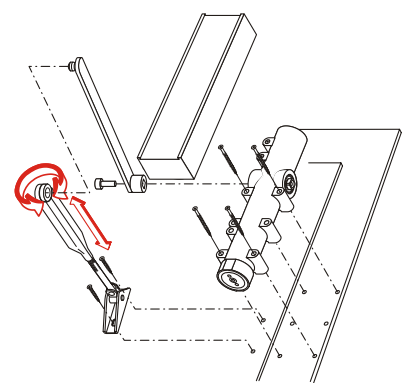
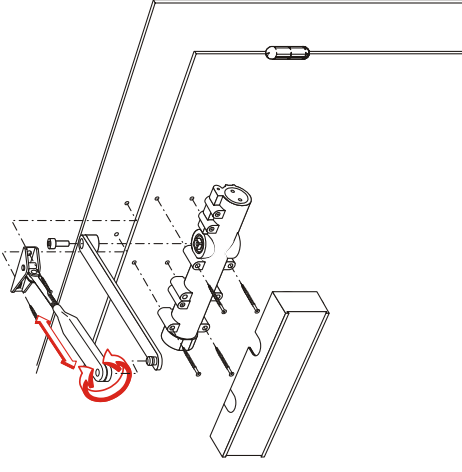
Papierschalonen können sich durch Luftfeuchtigkeit verändern. Verbindlich sind daher nur die Maßangaben.
 Paper templates might distort due to air moisture. Only the indicated measurements are therefore obligatory.
 Les gabarits en papier peuvent avoir des dimensions modifiées par l'humidité de l'air. Seules les cotes mentionnées doivent être respectées.
 Dime di carta possono alterarsi per colpa dell'umidità dell'aria. Perciò sono impegnative le dimensioni notate.
 Montagemalen av papper kan förändras i storlek av luftfuktighet. Endast de angivna måttuppgifterna är därför helt tillförlitliga.
 Pappi skabelonen kan forandre sig p.g.a. luftfugtighed. Derfor er kun de angivne mål bindende.
 Kosteuden johdosta voivat paperisen osuuskuvaion mitat muuttua. Sitövia ovat siksi ainoastaan armetut mitat.
 Pappimäler kan forandre seg p.g.a. luftfuktighet. Det er derfor bare de angitte mål som er forbindtllige.
 Las plantillas de montaje de papel pueden variar su tamaño por causa de la humedad. Las dimensiones reales son las indicadas en la misma.



	DORMA GmbH + Co. KG Postfach 4009 58 247 Ennepetal	04
0432-BPR 0054	EN 1154-1:1996+A1:2002	4 8 3/4 1 1 2
Dangerous substances: None		

EN 3	EN 4
X max. 850 mm	1100 mm

Art. Nr.: 220021xx



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LEISTUNGSERKLÄRUNG DECLARATION OF PERFORMANCE



DOP_0009

EU Nr. 305/2011 Leistungserklärung de

Türschließmittel mit kontrolliertem Schließablauf: **DORMA TS 71 EN3/4, DORMA TS 71 EN3/4 BCA**

Vorgesehener Verwendungszweck des Bauprodukts gemäß der anwendbaren harmonisierten technischen Spezifikation:
selbstschließende Feuer- und Rauchschutztüren

Hersteller: DORMA GmbH + Co. KG - DORMA Platz 1 - 58256 Ennepetal

System zur Bewertung und Überprüfung der Leistungsbeständigkeit gemäß EU Nr. 305/2011 Anhang V: System 1.

Die notifizierte Stelle MPA NRW 0432 hat die Bewertung und Überprüfung der Leistungsbeständigkeit nach System 1 gemäß EU Nr. 305/2011 Anhang V vorgenommen und das Konformitätszertifikat ausgestellt: 0432-BPR-0054.

Die Leistung des Produkts entspricht der erklärten Leistung. Verantwortlich für die Erstellung dieser Leistungserklärung ist allein der Hersteller.

EU Nr. 305/2011 Declaration of Performance en

Controlled door closing devices: **DORMA TS 71 EN3/4, DORMA TS 71 EN3/4 BCA**

Intended use of the construction product in accordance with the applicable harmonized technical specification: On fire and smoke compartmentation doors to fulfil the self closing requirements of such doors.

Manufacturer: DORMA GmbH + Co. KG - DORMA Platz 1 - 58256 Ennepetal

System of assessment and verification of constancy of performance of the construction product as set out in EU Nr.305/2011 Annex V: System 1

The notified body MPA NRW 0432 performed the assessment and verification of constancy of performance in accordance with System 1 as set out in EU Nr. 305/2011 Annex V and issued the certificate(s) of conformity: 0432-BPR-0054.

The performance of the product is in conformity with the declared performance. The declaration of performance is issued under the sole responsibility of the manufacturer.

N° UE 305/2011 Déclaration des performances fr

Dispositifs de fermeture de porte avec amortissement : **DORMA TS 71 EN3/4, DORMA TS 71 EN3/4 BCA**

Utilisation prévue du produit du bâtiment conformément à la spécification technique harmonisée applicable: Portes coupe-feu et étanches aux fumées à fermeture automatique

Fabricant : DORMA GmbH + Co. KG - DORMA Platz 1 - 58256 Ennepetal

Système d'évaluation et de vérification de constance des performances conformément au Règlement du Parlement Européen n° 305/2011 Annexe V : Système 1.

L'organisme notifié MPA NRW 0432 a effectué l'évaluation et la vérification de constance des performances conformément aux exigences du Système 1 selon le Règlement du Parlement Européen n° 305/2011 Annexe V et a établi le/les certificats de conformité: 0432-BPR-0054.

Les performances du produit correspondent aux performances déclarées. La déclaration de performances relève de la seule responsabilité du fabricant.

LEISTUNGSERKLÄRUNG DECLARATION OF PERFORMANCE



Erklärte Leistung

Wesentliche Merkmale	Leistung	Harmonisierte technische Spezifikation
Selbstschließend	<ul style="list-style-type: none"> ▪ Schließen von Türen aus mindestens 180° Türöffnung Klasse 4 ▪ Türschließergröße EN3/4 ▪ Anwendbarkeit an Feuer- u. Rauchschutztüren Klasse 1 ▪ Sicherheit Klasse 1 ▪ Temperaturabhängigkeit bei +40°C und -15°C: >=3s <=25s ▪ Endschlag ▪ Öffnungsdämpfung (TS 71 EN3/4 BCA) ▪ Einstellbare Türschließergröße 	EN1154:1996 + A1:2002
Dauerhaftigkeit selbstschließend	<ul style="list-style-type: none"> ▪ Dauerfunktion 500000 Zyklen Klasse 8 ▪ Mittlere Korrosionsbeständigkeit Klasse 2 	
Gefährliche Substanzen	<ul style="list-style-type: none"> ▪ Besonders besorgniserregende Stoffe < Grenzwerte 	

Declared performance

Essential characteristic	Performance	Harmonised technical specification
Self-closing	<ul style="list-style-type: none"> ▪ Closing doors from >= 180° open grade 4 ▪ Door closer power size EN3/4 ▪ Suitability for fire/smoke door use grade1 ▪ Safety grade 1 ▪ Temperature dependence +40°C and -15°C: >=3s <=25s ▪ Latch control ▪ Back check (TS 71 EN3/4 BCA) ▪ Adjustable closing force) 	EN1154:1996 + A1:2002
Durability of self-closing	<ul style="list-style-type: none"> ▪ Durability 500000 cycles grade 8 ▪ Moderate corrosion resistance grade 2 	
Dangerous substances	<ul style="list-style-type: none"> ▪ Substances of very high concern < threshold values 	