

# Test Certificate No. 12 0370 5 97-02

## Contracting Party

DORMA GmbH & Co. KG  
P.O. Box 40 09  
D-58247 Ennepetal / Germany

## Assignment

Testing of controlled door closing devices (door closer) in accordance with DIN EN 1154: 1997-05 (Ref. No. EN 1154: 1996 D). The tests are to be including the additional requirements according to annex A of DIN EN 1154.

## Description of Samples

Overhead door closer surface mounted with sliding arm in accordance with illustration C.1.1 of DIN EN 1154  
**„cam-action door closer DORMA TS 93 B EN 2-5“**,  
door leaf fixing on the pull side, see appendix 1,  
transom fixing on the push side, see appendix 2,  
**„cam-action door closer DORMA TS 93 G EN 2-5“**,  
door leaf fixing on the push side, see appendix 3,  
transom fixing on the pull side, see appendix 4.

## Description of the Test and Test Results

See Test Reports No. 12 0370 5 97-01 and 12000214.

## Evaluation of the Test Results

The door closer **„DORMA TS 93 B/G EN 2-5“** fulfils the requirements of the DIN EN 1154.  
It is classified as follows in accordance with sec. 4 of DIN EN 1154:

4	8	5 2	1*)	1	4**)
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\*) The tests in accordance with A6 of the EN 1154 were conducted in default of the harmonised test procedure with prEN 1634-1 and 1634-3 according to the provision to the national norms DIN 4102-5 and DIN 18095-2. In other member countries of the EU, other substantiation procedures can be required.

\*\*\*) An evaluation of the appearance of the test piece was not conducted, see 6.2 of the DIN EN 1670: 1998-12.

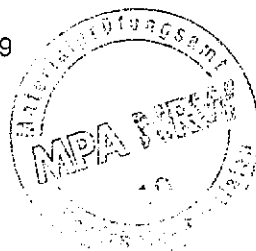
## Instructions

The manufacturer is to refer in the documentation for assembly and adjustment of the product that the door closer may not be adjusted to door closer power size less than 3 in use on fire/smoke door assemblies.

Dortmund, December 7<sup>th</sup>, 1999

*Jansen*

Dipl.-Ing. H. Jansen  
Regierungsbauamtsrat



This is the English version of „Prüfzeugnis Nr. 12 0370 5 97-02“.

The validity of this certificate expires on March 1<sup>st</sup>, 2003.

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This test certificate comprises 1 page and 4 appendixes.

