



CERTIFICATE OF APPROVAL

No CF 289

This is to certify that, in accordance with
TS00 General Requirements for Certification of Fire Protection Products
The undermentioned products of

DORMA UK LIMITED
Wilbury Way, Hitchin, Hertfordshire SG4 0AB
Tel: 01462 477600 Fax: 01462 477601

Have been assessed against the requirements of the Technical Schedule(s)
denoted below and are approved for use subject to the conditions
appended hereto:

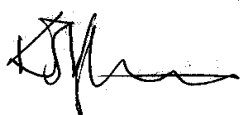
CERTIFIED PRODUCTS

**DORMA TS68 overhead door
closers**

TECHNICAL SCHEDULES

**TS34 The Contribution of
Controlled Door Closing
Devices and Accessories to
Fire Resisting Doorsets**

Signed and sealed for and on behalf of CERTIFIRE



Sir Ken Knight
Chairman – Impartiality Committee

Issued: 7th August 2002
Reissued: 23rd April 2010
Valid to: 30th November 2015

Page 1 of 4





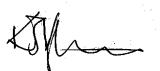
CERTIFICATE No CF 289 DORMA UK LTD

DORMA TS68 OVERHEAD DOOR CLOSERS

1. **Dorma TS68** Overhead Door Closers are adjustable strength (by position) rack and pinion overhead door closers. This approval relates to their use with the following door assemblies:-

Latched and unlatched, intumescent sealed door assemblies consisting of timber faced and edged leaves with timber, cellulosic or mineral cores in timber frames having a fire resistance up to 120 minutes (Code ITT).

2. This certification is designed to demonstrate compliance of the product or system specifically with Approved Document B (England and Wales), Section D of the Technical Standards (Scotland), Technical Booklet E (N. Ireland). If compliance is required to other regulatory or guidance documents there may be additional considerations or conflict to be taken into account.
2. The closers are approved on the basis of:
 - i) Initial type testing to EN 1154, BS 476: Part 22: 1987 and EN1634-1
 - ii) An appraisal against TS34
 - iii) Certification of quality management system to ISO 9001: 2008
 - iv) Inspection and surveillance of factory production control
 - v) Ongoing audit testing in accordance with EN 1154 requirements
3. This approval is applicable only to the specified closers used with door assemblies of proven fire resistance (as defined in EN1634-1) and having power ratings appropriate to the leaf sizes subject to a minimum size 3 (as specified in BS EN 1154).
4. The approval relates to on going production. Product and/or its immediate packaging is identified with the manufacturers' name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application where appropriate.



CERTIFICATE No CF 289

DORMA UK LTD

DORMA TS68 OVERHEAD DOOR CLOSERS

5. The following tables show acceptable doorsets types and fire resistance periods for **Dorma TS68** closers:

For doorsets to BS 476: Part 22: 1987

Fire resistance performance as required by Approved Document B	MM	IMM	TT	ITT	ITM	ITC
FD20	x	x	x	✓	x	x
FD30	x	x	x	✓	x	x
FD60	x	x	x	✓	x	x
FD90	x	x	x	✓	x	x
FD120	x	x	x	✓	x	x
FD240	x	x	x	x	x	x

For doorsets to EN 1634-1

Classification to prEN13501-2	MM	IMM	TT	ITT	ITM	ITC
E 20	x	x	x	✓	x	x
EI 20	x	x	x	✓	x	x
E 30	x	x	x	✓	x	x
EI 30	x	x	x	✓	x	x
E60	x	x	x	✓	x	x
EI 60	x	x	x	✓	x	x
E 90	x	x	x	✓	x	x
EI 90	x	x	x	✓	x	x
E 120	x	x	x	✓	x	x
EI120	x	x	x	✓	x	x
E240	x	x	x	x	x	x
EI240	x	x	x	x	x	x

See CERTIFIRE Technical Schedules for designation of doorset types i.e. TT, ITT etc.



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DORMA TS68 OVERHEAD DOOR CLOSERS

Scope of Approval for TS68 closers:

Doors may not include uninsulated glass above 20% of their total area.
 The closers may not be fitted to metallic doorsets
 The closers may not be fitted to timber doorsets without intumescent protection

Classification code for TS68 closers

The above approval provides the following classification:

3	8	4 3	1	1	2
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Further Information

Further information regarding the details contained in this data sheet may be obtained from Dorma UK Limited (Tel: 01462 477600).

Further information regarding CERTIFIRE certification and other approved products can be obtained from CERTIFIRE (Tel: 01925 646777).

