
CERTIFICATE OF APPROVAL

No CF 145

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

GEZE UK LIMITED

Blenheim Way, Fradley Park, Lichfield, WS13 8SY
Tel: 01543 443000 Fax: 01543 443021

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 PRODUCT

**TS3000 and TS5000 Series
Overhead Door Closers**

TECHNICAL SCHEDULE

**TS 34 - 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 - Management Council

Issued: 1st May 1997
Revised: 28th February 2014
Valid to: 14th December 2016

Page 1 of 6



CERTIFICATE No CF 145

GEZE UK LIMITED

TS3000 and TS5000 SERIES OVERHEAD DOOR CLOSERS

1. This approval relates to Geze TS3000, TS3000EN3, TS3000B, TS3000E, TS3000EC, TS3000EC BC, TS3000V, TS3000V BC, TS-FDM, TS5000, TS5000S, TS5000L, TS5000E, TS5000EFS, TS5000IS, TS5000E-IS, TS5000R, TS5000T, TS5000ST, TS5000LT, TS5000 ECLINE, TS5000 ECLINE T TS5000, TS5000 L ECLINE, TS5000 L ECLINE T, Slimdrive SD Servo and Slimdrive SD AUT closers which are overhead mounted door closing devices.
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) and 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.
3. 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 (CERTIFIRE Code - ITT).**
 - Latched and unlatched, door assemblies consisting of metal faced and edged leaves in metal frames, with or without intumescent sealing, and having a fire resistance up to 240 minutes (Codes MM & IMM).**
 - Latched and unlatched, intumescent sealed door assemblies consisting of timber faced and edged leaves with timber, cellulosic or mineral cores in steel frames having a fire resistance up to 120 minutes (Code ITM).**
4. The closers are approved on the basis of:
 - i) Initial type testing to EN1154, EN 1155 and BS EN 1634-1: 2000.
 - 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.
5. This approval is applicable only to the specified closers used in guide rail (or slide arm) configuration with door assemblies of proven fire resistance (as defined in BS EN 1634-1 or BS 476: Part 22: 1987) and having power ratings appropriate to the leaf sizes subject to a minimum size 3 (as specified in BS EN 1154).

**CERTIFICATE No CF 145
GEZE UK LIMITED**

TS3000 and TS5000 SERIES OVERHEAD DOOR CLOSERS

- 6. The approval relates to on going production. Product and/or its immediate packaging is identified with the manufacturer's name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application where appropriate.
- 7. The following tables show acceptable doorset types and fire resistance periods:

Class	Approved Door Type					
	MM	IMM	TT	ITT	ITM	ITC
FD20	✓	✓	x	✓	✓	✓
FD30	✓	✓	x	✓	✓	✓
FD60	✓	✓	x	✓	✓	✓
FD120	✓	✓	x	✓	✓	✓
FD240	✓	✓	x	x	x	x
E 20	✓	✓	x	✓	✓	✓
EI 20	✓	✓	x	✓	✓	✓
E 30	✓	✓	x	✓	✓	✓
EI 30	✓	✓	x	✓	✓	✓
E 60	✓	✓	x	✓	✓	✓
EI 60	✓	✓	x	✓	✓	✓
E 90	✓	✓	x	✓	✓	✓
EI 90	✓	✓	x	✓	✓	✓
E 120	✓	✓	x	✓	✓	✓
EI 120	✓	✓	x	✓	✓	✓
E 240	✓	✓	x	x	x	x
EI 240	✓	✓	x	x	x	x

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



CERTIFICATE No CF 145
GEZE UK LIMITED

TS3000 and TS5000 SERIES OVERHEAD DOOR CLOSERS

Limitations of Approval:

The closers may not be fitted to timber doorsets without intumescent protection.

Classification codes

This approval provides the following classification for the closers as detailed:

4	8	3	1	1	4
---	---	---	---	---	---

For models TS3000, TS3000EN3, TS3000B, TS3000E, TS3000EC and TS3000EC BC

4	8	4 3	1	1	4
---	---	--------	---	---	---

For models TS3000V and TS3000V BC

3	8	6 3	1	1	4
---	---	--------	---	---	---

For models TS5000, TS5000E, TS5000R, TS5000L, TS5000IS, Slimdrive SD Servo and Slimdrive SD AUT

4	8	6 3	1	1	4
---	---	--------	---	---	---

For model TS5000S

3	8	5 3	1	1	4
---	---	--------	---	---	---

For models TS5000EFS, TS5000RFS

CERTIFICATE No CF 145
GEZE UK LIMITED

TS3000 and TS5000 SERIES OVERHEAD DOOR CLOSERS

4	8	4 3	1	1	4
---	---	--------	---	---	---

For models TS3000V and TS3000V BC.

4	8	5 3	1	1	4
---	---	--------	---	---	---

For models TS-FDM

4	8	6 3	1	1	4
---	---	--------	---	---	---

For models TS5000T and TS5000ST - normal mounting on hinge side, and TS5000 LT - frame mounting on hinge side.

3	8	6 3	1	1	4
---	---	--------	---	---	---

For models TS5000T and TS5000ST - frame mounting on opposite hinge side

3	8	6 3	1	1	4
---	---	--------	---	---	---

For models TS5000LT - normal mounting on opposite hinge side

4	8	5 3	1	1	4
---	---	--------	---	---	---

For models TS5000 ECLINE and TS5000 ECLINE T - normal mounting on hinge side, and TS5000 L ECLINE and TS5000 L ECLINE T- frame mounting on hinge side

3	8	5 3	1	1	4
---	---	--------	---	---	---

For models TS5000 ECLINE and TS5000 ECLINE T - frame mounting on opposite hinge side, and TS5000 L ECLINE and TS5000 L ECLINE T- normal mounting on opposite hinge side

CERTIFICATE No CF 145
GEZE UK LIMITED

TS3000 and TS5000 SERIES OVERHEAD DOOR CLOSERS

Accessories

The approved closers may be fitted in conjunction with the following accessories:

ISM guide rail
E-ISM guide rail
R-ISM guide rail

These guide rails have an integral door selector function and have been initially type tested in accordance with EN 1158: 1997.

Classification of the guide rails is given as follows:

3	8	6 3	1	1	4
----------	----------	----------------------	----------	----------	----------

For ISM, E-ISM and R-ISM

Where one of the above guide rails is used in conjunction with a closer model having a differing classification code, the lower code shall apply.

Further Information

Further information regarding the details contained in this data sheet may be obtained from GEZE UK (Tel: 01543 443000).

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