

Quality Certificate

Hawa Sliding Solutions AG hereby certifies that the sliding door fittings of the product line **Hawa Variotec 150** comply with the requirements of **EN 1527**.

Test information

Classification:	EN 1527 : 2013
Door weight:	150 kg
Durability:	100'000 cycles
Overload test:	EN 15706 : 2008 - Level 3
Functional test:	EN 15076 : 2008 - Level 3

Additional information

Ease of installation:	Requirements complied
Tested by:	Laboratory, TÜV Rheinland LGA Products GmbH, Nürnberg, Germany, test certificate no. LI 60094999 0001
Quality assurance:	External and internal monitoring in accordance with SN EN ISO 9001 : 2015

Mettmenstetten, January 1st 2021



Ezequiel Di Claudio
Chief Executive Officer (CEO)



Peter Möller
Chief Executive Officer (CEO)

LGA - Qualitäts - Zertifikat

LGA-Quality-Certificate



Genehmigungsinhaber
License Holder

Hawa AG
Untere Fischbachstr. 4
8932 Mettmenstetten
Schweiz

Zertifiziertes Produkt (umseitig näher bezeichnet)
Certified Product (specified overleaf)

Fittings for sliding doors of glass and wood
HAWA-Variotec 150/GV, HAWA-Variotec 150/GR
HAWA-Variotec 150/H

Prüfzeichen Test Mark



LGA-Qualitäts-Zertifikats-Nr.:
LGA-Quality-Certificate No.

LJ 60094999 0001

Untersuchungsbericht-Nr.:
Test Report No.

21217161 001

Geprüft nach *Tested acc. to*

DIN EN 1527/03.13

DIN EN 15706/08.09

2 PfG Q2274/05.13

Datum *Date* 22.07.2014

Zertifizierungsstelle *Certification Body*

K.-H. Heider



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.

This certificate is based on our Testing and Certification Regulations

Das Produkt entspricht o.g. Anforderungen, die Herstellung wird überwacht.

The product fulfills above mentioned requirements, the production is subject to surveillance.

Übersetzung/Translation

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Genehmigungsinhaber *License Holder*

Hawa AG
Untere Fischbachstr. 4
8932 Mettmenstetten
Schweiz

Fertigungsstätte *Manufacturing Plant*

Hawa AG
Untere Fischbachstr. 4
8932 Mettmenstetten
Schweiz

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Längstens gültig bis <i>Latest expiration date</i>
	0010--21217161 001	(day/mo/yr)

Zertifiziertes Produkt <i>(Geräteidentifikation)</i>	Lizenzentgelte - Einheit
<i>Certified Product</i>	<i>(Product Identification)</i>
	<i>License Fee - Unit</i>

Fittings

Fittings for sliding doors of glass and wood
HAWA-Variotec 150/GV, HAWA-Variotec 150/GR
HAWA-Variotec 150/H

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Strength, functionality, and safety properties
Requirements acc. to 2 PfG-Q 2274,
DIN EN 15706 testing level 3 and
DIN EN 1527 fulfilled

Classification acc. to
DIN EN 1527 see Appendix

Loading capacity 150 kg
Durability 100.000 cycles
Quality assurance External und production quality control

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Anlage / Appendix 1



Zertifikat / Certificate

Blatt / Page

LI 60094999

0001

Ihr Zeichen / Client Reference

Unser Zeichen / Our Reference

Ausstellungsdatum / Date of issue

0010—21217161_001

22.07.2014

Classification acc. to DIN EN 1527

-	6	3	-	1	0	-	1	3
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Category of use (1st digit):

No grade identified for these products.

Durability (2nd digit):

- grade 1 = 5000 test cycles
- grade 2 = 10000 test cycles
- grade 3 = 25000 test cycles
- grade 4 = 50000 test cycles
- grade 5 = 75000 test cycles
- grade 6 = 100000 test cycles

Door mass (3rd digit):

- grade 1 = door up to 50 kg
- grade 2 = door from 51 kg to 100 kg
- grade 3 = door from 101 kg to 330 kg
- grade 4 = door over 330 kg

Fire resistance (4th digit):

No grade identified for these products.

Safety (5th digit):

All sliding design systems and sliding folding design systems conforming to this standard shall be classified as grade 1 for safety.

Corrosion resistance (6th digit):

Products are classified from 1 to 5 according to the six grades defined in EN 1670. Grade 0 is for products not tested.

Security (7th digit):

No grade identified for these products.

Category of door (8th digit):

- grade 1 = sliding door
- grade 2 = folding door (bi-fold type)
- grade 3 = multi-panel folding door

Initial friction maximum permitted value (9th digit):

Door mass	from 0 kg to 50 kg	from 51 kg to 100 kg	from 101 kg to 330 kg	Over 330 kg
Grade 1	50 N	80 N	100 N	5 % of the mass
Grade 2	40 N	60 N	5 % of the mass	4 % of the mass
Grade 3	30 N	40 N	4 % of the mass	3 % of the mass

K.-H. Heider

Übersetzung/Translation



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