

Evidence of Performance

Anti-drop safety device for power-operated gates

Expert Statement

N° 16-000574-PR03

(GAS-D01-11-en-03)



Client	GfA ELEKTROMATEN GmbH & Co. KG Wiesenstr. 81 40549 Düsseldorf Germany
Product	Gear-integrated anti-drop safety device
Designation	SG186F
Hollow shaft diameter	80 mm
Distance between centers	186 mm
Permissible field of application	4,000 Nm up to 12 min ⁻¹
Permissible catch torque	6,600 Nm
Ambient temperature	- 10°C to + 40°C

Basis

GS – BE – 04: 2001-01
Principles for testing and certification of anti-drop safety devices for windows, doors and gates

DIN EN 12604: 2000–08
Industrial doors and gates:
Mechanical aspects
Requirements
Clause 4.3.4

DIN EN 12605: 2000-08
Industrial doors and gates:
Mechanical aspects
Test method
Clause 4.2 and 5.3.2

Replaces test report 16-000574-PR03 (GAS-D01-11-en-02) dated 29.07.2022

Design worksheets
see Annex 1, pages 1 to 6

Validity

Testing for above characteristics does not allow any statement to be made on any further characteristics regarding performance and quality of the construction submitted.

Validity of the expert statement expires with expiry of any one of the above items referred to as basis (standard or test

Notes on publication

The ift Guidance Sheet "Conditions and Guidance for the Use of ift Test Documents" applies.

The cover sheet can be used as abstract.

Contents

The expert statement contains a total of 9 pages.

Cover sheet

Expert statement

1 Order

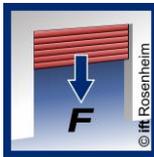
2 Basis

3 Evaluation

4 Results and statement

Annex 1 (6 pages)

Evidence of anti-drop safety device



Requirements fulfilled^{*)}

^{*)} based on the test report listed on the right and additional specifications due to modifications

ift Rosenheim

27.07.2022

Translation dated 10.08.2022

signed

Peter Marquardt, Dipl.-Ing. (FH)
Deputy Head of Testing Department
Building Component Testing



signed

Thomas Stefan, Dipl.-Ing. (FH)
Operating Testing Officer
Building Component Testing

This document is valid without a signature. The original document n° 16-000574-PR03 (GAS-D01-11-de-02) dated 27.07.2022 remains legally binding.