



Conformity Examination Certificate

Certificate No.: TorFV 25/205

Testing institution: TÜV SÜD Industrie Service GmbH
Prüfstelle für Tore: EN 13241 Tore – Product standard, performance characteristics
Westendstraße 199, 80686 München - Germany

Applicant / Holder of certificate: SBR Mühendislik Elektronik Mak. İnş. San. Tic. Ltd. Şti
Fevzi Çakm. Mh. Sıla Caddesi No: 48-0,
42050 Karatay/Konya - Türkiye

Manufacturer: see above

Product: **Safety gear (worm gear)**

Type: See Annex

Testing Laboratory: TÜV SÜD Industrie Service GmbH
Prüflaboratorium für Produkte der Fördertechnik
Prüfbereich Maschinen der Fördertechnik
Gottlieb-Daimler-Straße 7, 70794 Filderstadt - Germany

Date and number of test report: 2025-03-27
TorFV 25/205

Testing standards: DIN EN 12604:2017+A1:2020
Industrial, commercial and garage doors and gates –
Mechanical aspects – Requirements and Test methods

Highest measured values: 51.995 m/s² 1.818 m/s 67 mm Total Dropping Distance
(Test Weight = 360 kg; Chain Wheel Radius = 128 mm)

Result: The safety gear meets the requirements of the testing standards for the following **scope of application**:
See Annex

Remark: The safety gear works in both directions of rotation.
The respective scope of application has to be complied.
The bracket for mounting the safety gear shall be of sufficient strength.
The max. permissible winding radius must not be exceeded for an opening height of the door of ≤ 2.5 m in order to keep the max. permissible catching distance of 300 mm.
The requirements of EN 12604:2000 and EN 12605:2000 are still fulfilled.

Revision Status: 0

Date of issue: 2025-06-18

Testing institution for doors


Achim Janocha



Annex of Conformity Examination Certificate
No. TorFV 25/205 of 2025-06-18, Rev.0



1 Description of the product and scope of application

Safety gear (worm gear)

Type		Permissible Torque [Nm]	Maximum Operating speed [U/min]	Maximum permissible Winding Radius [mm]	Effective catching impact factor
Gearbox Size 85	58/1	250	24	573	6.3
	58/1	350	24		
	58/1	450	24		
	58/1	600	15		
	92/1	250	10		
	92/1	250	15		
	92/1	400	15		
	92/1	400	10		
	40/1	300	35		
	40/1	400	35		
	30/2	140	90		
	30/2	200	90		
	30/2	250	90		
	30/3	100	140		
	30/3	130	140		
	30/3	150	140		
	30/4	80	180		
	30/4	100	180		
	30/4	140	180		

This Annex of Conformity Examination Certificate No. TorFV 25/205 of 2025-06-18, Rev.0 may only be used together with the Conformity Examination Certificate Nr. TorFV 25/205 of 2025-06-18.

Department New Technologies

expert

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Wei Chen