



Conformity Examination Certificate

Certificate No.: TorFV 25/206

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 25/206

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

Highest measured values: 25.602 m/s² 1.465 m/s 84 mm Total Dropping Distance
(Test Weight = 560 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 25/206 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 110	60/1	600	24	457	3.6
	60/1	800	24		
	60/1	1000	24		
	92/1	800	15		
	92/1	800	10		
	60/1	1200	8		
	45/1	1500	7		
	45/1	1800	7		
	45/1	600	30		
	45/1	800	30		
	45/1	1000	30		

This Annex of Conformity Examination Certificate No. TorFV 25/206 of 2025-06-18, Rev.0 may only be used together with the Conformity Examination Certificate Nr. TorFV 25/206 of 2025-06-18.

Department New Technologies

expert

Achim Janocha

Wei Chen