



Conformity Examination Certificate

Certificate No.:	TorFV 25/203
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:	2025-10-21 TorFV 25/203
Testing standards:	DIN EN 12604:2017+A1:2020 Industrial, commercial and garage doors and gates – Mechanical aspects – Requirements and Test methods
Highest measured values:	30,905 m/s ² 1.458 m/s 195 mm Total Dropping Distance (Test Weight = 260 kg; Chain Wheel Radius = 58 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:	2025-10-23

Testing institution for doors


Achim Janocha



Annex of Conformity Examination Certificate
No. TorFV 25/203 of 2025-10-21, 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 50	40	140	435	4.2
	40	115		
	45	95		
	60	95		
	60	80		
	60	140		
	65	24		
	80	20		
	80	45		
	80	95		
	80	115		
	100	45		
	100	24		
	110	30		
	115	45		
	115	80		
	130	15		
	140	20		
	140	24		

This Annex of Conformity Examination Certificate No. TorFV 25/203 of 2025-10-21, Rev.0 may only be used together with the Conformity Examination Certificate Nr. TorFV 25/203 of 2025-10-21.

Department New Technologies

expert

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Wei Chen