

Product Certificate Number	20065-CER		
Applicant	TGB Group c/ L'Alsina, parcela 37, Nave 3. Polígono Industrial La Masia 08798 Sant Cugat Sesgarrigues. Barcelona, Spain		
Model	TVR200		
Type of unit	Spin system for solar tracker		
Technical Data	See page 2		
nternational Standard  IEC 62817: 2014 Photovoltaic systems – Design qualific trackers. Chapter 8.5 Environmental testing.			

Having assessed the test report number: 20065-TR performed by Certification Entity for Renewable Energies based on the requirements of the ISO/IEC 17025.

The above-mentioned spin system complies with the requirements of the Chapter 8.5 Environmental testing from IEC 62817:2014: Photovoltaic systems – Design qualification of solar trackers.

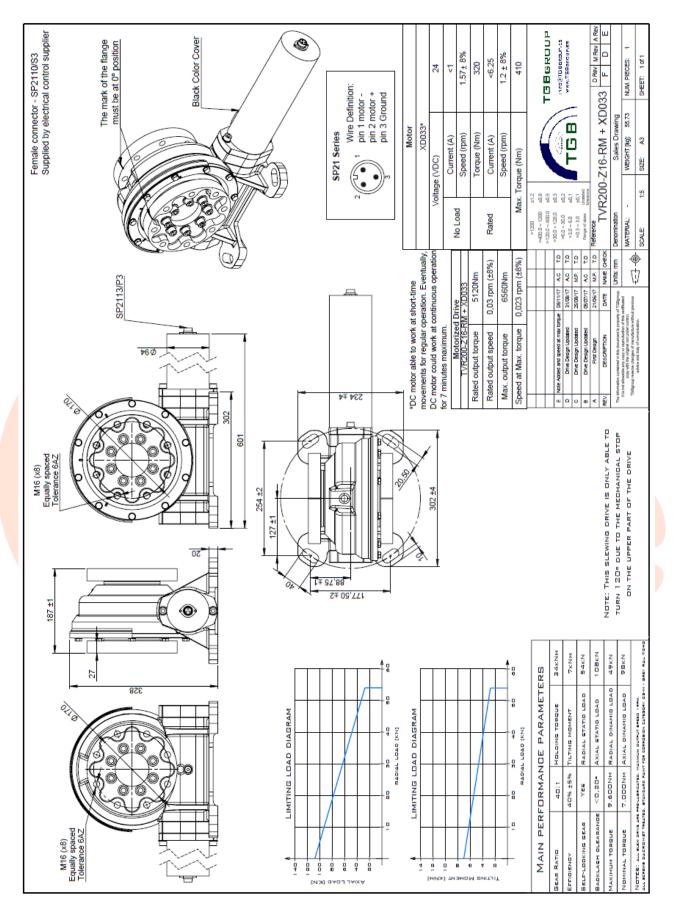
This certification is according the CERE internal process PE.T-CERE-09 Rev13 based on the requirements of the EN ISO/IEC 17065:2012. For this certification process the conformity assessment activities was according Scheme Type 5 based on:

- Testing of production samples selected by CERE.
- Audit of quality system according ISO 9001 with certificate number 12 100 42716 TMS issued by a certification body accredited according EN ISO/IEC 17021.
- Inspection of the manufacturing process.

Madrid, at 06th of July of 2018. This certificate is valid until 06th of July of 2021

Miguel Martínez Lavin Certification Manager

#### **Technical specifications**



# **Variant models:**

## Spin system:

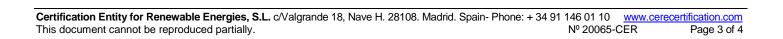
TVR 200-Z1	TVR 200-Z11	TVR 200-Z16	TVR 200-Z21
TVR 200-Z2	TVR 200-Z12	TVR 200-Z17	TVR 200-Z24
TVR 200-Z5	TVR 200-Z13	TVR 200-Z18	TVR 200-Z25
TVR 200-Z7	TVR 200-Z14	TVR 200-Z19	
TVR 200-Z8	TVR 200-Z15	TVR 200-Z20	

#### Motor DC

XD015	XD032	XD037	XD043	XD050
XD017	XD033	XD038	XD045	XD051
XD020	XD033-G	XD040	XD046	XD053
XD028	XD034	XD040.B	XD047	XD053-G
XD030	XD036	XD041	XD049	XD055

## Motor AC

XA009.AS	XA099	XA176
XA058	XA118	XA184
XA062	XA129	XA196.AS
XA072	XA130	XA211
XA083	XA131	
XA095	XA146	



The sample selected to test was representative of the production. The sample was selected in:

TGB Group c/ L'Alsina, parcela 37, Nave 3. Polígono Industrial La Masia 08798 Sant Cugat Sesgarrigues.

Barcelona, Spain

Sample Report Number

The inspection of manufacturing process was performed on: July 03<sup>rd</sup> of 2018

20065-TM

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Inspection Report Number:

20065-IF

