



Product Service

Technical Report No. 713034394

Revision: 0
dated 2013-12-12

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Client: Invacare Deutschland GmbH
Kleiststrasse 49
D-32457 Porta Westfalica

Manufacturing place: Invacare Deutschland GmbH
Kleiststrasse 49
D-32457 Porta Westfalica

Test object: Type / model: Fox
Classification acc. to. DIN EN ISO 9999: 2007 12 23 06
Class of use: B
Max. user weight: 127 kg

Test specifications: EN 12184: 2009

Purpose of examination: 1. re-testing due to the points of non-compliance as listed in the Technical Report No. 713030530 according to the test specification(s).

Test result: The test results show that the presented product is in compliance with the specified requirements.

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1 Description of the test subject

The electrically driven wheelchair type "Fox" was designed for persons whose ability to walk is impaired, but who are still in terms of the eyesight and physically and mentally able to operate an electric vehicle. It has been classified according to EN 12184 as a class B mobility product (for indoor and outdoor areas.)



1.1 Technical Data

| | |
|--------------------|---|
| Test subject: | electrically driven wheelchair |
| Model: | Fox |
| Class of use: | B |
| Total height: | 1056 mm |
| Total length: | 1000 mm – 1050 mm |
| Total width: | 590 mm |
| Obstacle height: | 100 mm with obstacle climbing device |
| Max. speed: | 6,4 km/h |
| Max. load: | 127 kg |
| Max. safe slope: | 6° |
| Driving motor: | Invacare; model Nr.:1561790 / 1561750 24 V _{DC} |
| Power electronics: | Dynamic Controls Ltd, type: DK-PMB01 (SHARK); Dynamic Controls Ltd, type: DK-REMD01B; |
| Batteries: | 2 x MK Battery; type: M50 SLD M, 12 V _{DC} ; 50 Ah (C ₂₀) |
| Battery charger: | CTE TECH CORP.; type: 4C24050A IN: 100-240 V _{AC} , 50 Hz, 2 A OUT: 24 V _{DC} , 5A |

2 Order

2.1 Date of Purchase Order

The testing of the Fox has been carried out per purchase order of Invacare Deutschland GmbH dated at 2013-09-20. **Date of Receipt of Test Subject**

The testing has been performed at TÜV SÜD Product Service, Masurenweg 1-3, D-30163 Hanover. The test subject was delivered to the test laboratory on 2013-10-22 (HAN-135753).

3 Result

The points of non-compliance as listed in the Technical Report No. 713030530 were removed at the test subject and documents presented for re-testing.

4 Revision History

Rev. 0: Initial Version

5 Remarks

5.1 General remarks

Motorised wheelchairs are motor vehicles according to the traffic law (§1, chapter 2). Wheelchairs which shall be operated on public roads have to fulfil the requirements of the German Traffic Law (StVZO), of the Road Traffic Regulations (StVO) as well as of the FZV (Fahrzeugzulassungsverordnung). This also applies to motorized wheelchairs with a design-related maximum speed of 6 km/h (see also §18 StVZO, explanation 1).

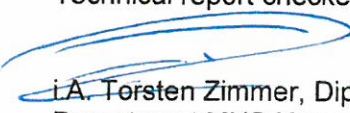
5.2 Remarks to user manual

The user manual has been examined according to the minimum requirements described in the product standard. The manufacturer is responsible for the accuracy of further particulars as well as of the composition and layout.

6 Summary

The test results show that the presented product is in compliance with the specified requirements.

TÜV SÜD Product Service GmbH
Technical report checked:



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