

## Electrically powered wheelchair Summary of Technical Tests Rep.-No: 71386544-0 Rev.1

**Product name:** M3 Corpus R-Net  
**Test object:** electrically powered wheelchair, class B  
**Classification acc. to ISO 9999: 2011** 12 23 06  
**Serial number:** 4PIL220023/ 4PIL220024  
**Client:** Permobil AB  
Per Uddens väg 20  
861 23 Timrå, Sweden  
**Manufacturer:** Permobil AB  
Per Uddens väg 20  
861 23 Timrå, Sweden  
**test order dated:** 2016-06-17  
**test sample received:** 2016-07-01  
(HAN-233818-1, HAN-233819-1)  
**location of test:** TÜV SÜD Product Service GmbH,  
Masurenweg 1-3,  
30163 Hanover  
**test period:** 2016-08-09 to 2016-09-01



Documentation for Den Danske Hjælpemiddelbase.  
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The wheelchair has been tested in accordance to ISO 7176-1, ISO 7176-2, ISO 7176-3, ISO 7176-4, ISO 7176-5, ISO 7176-6, ISO 7176-7, ISO 7176-8, ISO 7176-9, ISO 7176-10, ISO 7176-14, ISO 7176-15 and EN 12184:2014.

The tests were performed with a human test driver or a 150 kg test dummy in accordance to ISO 7176-11, human test driver with additional weights up to 150 kg.

These reports consist of 13 parts and 174 pages.

**Test results:** The wheelchair passed all technical requirements listed in the following standards. All test results are documented in the enumerated test protocols below.

This test protocol may only be quoted in full. Any use for advertising purposes must be granted in writing. This test protocol is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production.




Standard (EN / ISO )	Test procedure	Test protocol no.
ISO 7176-1: 2014	Determination of static stability	713086544-1 Rev.2
ISO 7176-2: 2001	Determination of dynamic stability of electric wheelchairs	713086544-2 Rev.1
ISO 7176-3: 2012	Determination of effectiveness of brakes	713086544-3 Rev.1
ISO 7176-4: 2008	Energy consumption of electric wheelchairs and scooters for determination of theoretical distance range	713086544-4 Rev.1
ISO 7176-5: 2008	Determination of dimensions, mass and maneuvering space	713086544-5 Rev.1
ISO 7176-6: 2001	Determination of maximum speed, acceleration and deceleration of electric wheelchairs	713086544-6 Rev.1
ISO 7176-7: 1998	Measurement of seating and wheel dimensions	713086544-7 Rev.2
ISO 7176-8: 2014	Requirements and test methods for static, impact and fatigue strengths	713086544-8 Rev.2
ISO 7176-9: 2009	Climatic tests for electric wheelchairs	713086544-9 Rev.1
ISO 7176-10: 2008	Determination of obstacle-climbing ability of electrically powered wheelchairs	713086544-10 Rev.1
ISO 7176-14: 2011	Power and control systems for electrically powered wheelchairs and scooters - Requirements and test methods	713086546 Rev.1
ISO 7176-15: 1996	Requirements for information disclosure, documentation and labeling	713086544-15 Rev.1
EN 12184: 2014	Electrically powered wheelchairs, scooters and their chargers - Requirements and test methods	713086544 Rev.1

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#### Revision History of this TRF:

Rev. 0: Initial Version

Rev. 1: Editorial changes

issued by Matthias Müller date: 2017-03-15 signature: 

checked by: Torsten Zimmer date: 2017-03-15 signature: 