DIN EN ISO 15535:2023-12 (E)

General requirements for establishing anthropometric databases (ISO 15535:2023)

Contents

Page

European foreword ... **3**

Foreword ... **4**

Introduction ... **5**

1 Scope ... **6**

2 Normative references ... **6**

3 Terms and definitions ... **6**

4 Data collection design ... **7**
4.1 General ... 7
4.2 Definitions, techniques and conditions of measurement ... 7
4.3 Sampling techniques ... 8

5 Data collection requirements ... **8**
5.1 Basic demographic description of participants ... 8
5.2 Detection and treatment of measurement errors ... 8
5.3 Instrument accuracy ... 8
5.4 Sample composition ... 8
5.5 Sample size ... 8
5.6 Data-storage system ... 9
5.7 Type of clothing ... 9
5.8 Measurer training and quality control ... 9

6 Database format ... **9**

7 Database contents ... **10**
7.1 General ... 10
7.2 Required background data ... 10
7.3 Recommended background data ... 10
7.4 Anthropometric data ... 10
7.5 Complementary data ... 11

8 Anthropometric data sheets ... **11**

9 Statistical processing ... **11**

Annex A (normative) **Method for estimating the number of participants needed on a sample** ... **12**

Annex B (normative) **Anthropometric data sheet** ... **16**

Annex C (informative) **Example of anthropometric data sheet** ... **17**

Annex D (normative) **Method of calculating decimal-notation date and age** ... **19**

Annex E (normative) **Age stratification at specified growth period** ... **22**

Annex F (normative) **Procedure for preparing data and statistics** ... **23**

Annex G (informative) **Sample database format** ... **25**

Bibliography ... **27**