DIN EN 1865-2:2024-09 (E)

Patient handling equipment used in ambulances - Part 2: Power assisted stretcher

Contents

Page

European foreword 3

Introduction 5

1 Scope 6

2 Normative references 6

3 Terms and definitions 6

4 Requirements 7
4.1 General 7
4.2 Main stretcher 7
4.2.1 General 7
4.2.2 Dimensions 7
4.2.3 Mass 8
4.2.4 Loading capacity 8
4.2.5 Frame 8
4.2.6 Power source 9
4.2.7 Lying part of the stretcher 9
4.2.8 Restraint system 10
4.2.9 Flammability - Toxicity burning gases 10
4.2.10 Deformation of the frame 10
4.2.11 Fixation 10
4.2.12 Deformation of the lying area 10
4.2.13 Resistance to torsion 10
4.2.14 Splaying of the wheels 10

5 Test methods 11
5.1 Permanent deformation of the frame 11
5.1.1 Stretcher frame 11
5.1.2 Undercarriage frame 11
5.2 Fixation inside the ambulance 11
5.3 Permanent deformation of the lying area 12
5.4 Resistance to twisting/torsion 12
5.5 Splaying of the wheels 13

6 Marking 13

Annex ZA (informative) Relationship between this European standard and the General Safety and Performance Requirements of Regulation (EU) 2017/745 aimed to be covered 14

Bibliography 17