

DIN EN 1725:2024-02 (E)

Furniture - Beds - Requirements for safety, strength and durability

Contents		Page
European foreword		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Test procedures and tolerances	7
4.1	General	7
4.2	Sequence of testing	7
4.3	Tolerances	7
5	Test apparatus	7
5.1	Adult test mattress	7
5.2	Test dummy	8
6	Safety requirements	10
6.1	General requirements	10
6.2	Holes in tubular or rigid components	10
6.3	Shear and compression points	10
6.3.1	General	10
6.3.2	Shear and compression points when setting up and folding	10
6.3.3	Shear and compression points under influence of powered mechanisms	10
6.3.4	Shear and compression points during use	10
6.4	Entanglement hazards	11
6.4.1	General	11
6.4.2	Requirements	11
6.4.3	Test method	12
6.5	Durability of electrically operated bed mechanism	13
6.5.1	Requirement	13
6.5.2	Functional assessment	13
6.5.3	Test method	13
6.6	Stability, strength and durability	13
6.6.1	General	13
6.6.2	Stability, strength and durability requirements	16
7	Information for use	16
8	Test report	16
Annex A (normative) Test methods for finger entrapment and shear and compression		17
A.1	Finger entrapment	17
A.1.1	Test equipment -- Test probe and shape assessment probe	17
A.1.1.1	Test probe	17
A.1.1.2	Shape assessment probe	17
A.1.2	Test method	18
A.2	Shear and compression	21
A.2.1	Test equipment -- Test probes	21
A.2.2	Test method -- Shear and compression points created under the influence of powered mechanisms	21

A.2.3	Test method -- Shear and compression points created during normal use	22
	Annex B (informative) Rationale	23
B.1	General	23
B.2	Risk entanglement hazards	23
B.3	Durability of electrically operated bed mechanism	23
	Bibliography	24