DIN EN 914:2020-08 (E)

Gymnastic equipment - Parallel bars and combination asymmetric/parallel bars - Requirements and test methods including safety

Contents

Page

European foreword 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Requirements 5
4.1 Classification 5
4.2 Dimensions 6
4.3 Protection against damaging the floor 7
4.4 Gap between the longitudinal/cross member 7
4.5 Transport equipment 8

5 Safety requirements 8
5.1 General requirements 8
5.2 Clear path between uprights 8
5.3 Entrapment 8
5.4 Stability 8
5.5 Vertical stiffness and residual deflection 8
5.6 Strength 8
5.7 Rigidity of framework 9

6 Test methods 9
6.1 General 9
6.2 Determination of the clear path between uprights 9
6.2.1 Principle 9
6.2.2 Apparatus 9
6.2.3 Procedure 9
6.2.4 Expression of results 9
6.3 Determination of stability and rigidity 10
6.3.1 Principle 10
6.3.2 Apparatus 10
6.3.3 Test temperature 10
6.3.4 Procedure 10
6.3.5 Expression of results 11
6.4 Determination of stiffness and residual deflection 11
6.4.1 Principle 11
6.4.2 Apparatus 11
6.4.3 Test temperature 11
6.4.4 Procedure 11
6.4.5 Expression of results 11
6.5 Determination of strength 11
6.5.1 Principle 11
6.5.2 Apparatus 11
6.5.3 Test temperature 11
6.5.4 Procedure 11
6.5.5 Expression of results 12

7 Instructions for use 12

8 Marking 12

Annex A (informative) Example of a cross section of equipment 13

Bibliography 14