ISO 11243:2016-06 (E)

Cycles - Luggage carriers for bicycles - Requirements and test methods

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Classification 2

5 Requirements and test methods 3
5.1 General 3
5.2 Tolerances 3
5.3 Sharp edges 4
5.4 Security of safety-related fasteners 4
5.4.1 Security of screws 4
5.4.2 Minimum breaking torque 4
5.4.3 Fixation elements 4
5.5 Crack detection methods 4
5.6 Dimensions 4
5.7 Protrusions 4
5.8 Assembly 4
5.9 Rear luggage carriers -- Provision for lighting 5
5.10 Strength under high and low temperature 5
5.10.1 General 5
5.10.2 Requirement 5
5.10.3 High temperature test -- Test method 5
5.10.4 Low temperature test -- Test method 5
5.11 Dynamic load tests 5
5.11.1 Requirement 5
5.11.2 General test method 5
5.11.3 Vertical test method 9
5.11.4 Lateral test method 9
5.12 Static load test -- Vertical load 9
5.12.1 Requirements 9
5.12.2 Test method 9
5.13 Static load test -- Lateral load 10
5.13.1 Requirement 10
5.13.2 Test method 10

6 Marking 12
6.1 Requirements 12
6.2 Durability test 12
6.2.1 Requirements 12
6.2.2 Test method 12

7 Instructions 13

8 Test report 13

Annex A (informative)Typicaltestconfiguration 14

Annex B (informative) Longitudinal dynamic load test 16

Annex C (informative)Examplesofcarrierconfigurations 18

Bibliography 20