DIN EN 14535-2:2019-05 (E)

Railway applications - Brake discs for railway rolling stock - Part 2: Brake discs mounted onto the wheel, dimensi ons and quality requirements

Contents

Page

European foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Symbols and abbreviations 6

5 Requirements 7
5.1 General 7
5.2 Materials, design and manufacture 7
5.3 Dimensions 8
5.3.1 Brake disc 8
5.3.2 Characteristics of dimensions and areas for the fastening 9
5.3.3 Indication of disc wear limits 11
5.3.4 Finishing 12
5.3.5 Balance 12
5.3.6 Dimensional tolerances 12
5.4 Installation 13

6 Test methods 13
6.1 Type tests 13
6.2 Application test 13

7 Quality approval 13
7.1 Verification 13
7.2 Documentation 14
7.3 Traceability 14
7.4 Records 14

8 Designation 14

9 Marking and packaging 16
9.1 Marking 16
9.2 Packing and protection 16

Annex A (informative) Further application tests 17

A.1 General 17
A.2 Application test 17
A.2.1 General 17
A.2.2 Bench tests 17
A.2.3 In service tests: validation of the capability for service use 17

Annex ZA (informative) Relationship between this European Standard and the essential requirements of EU Directive 2008/57/EC aimed to be covered 18

Bibliography 20