# DIN EN 1984:2010-10 (E)

## Industrial valves - Steel gate valves

## Contents

Page


Foreword ..... 3

1 Scope ..... 4

2 Normative references ..... 4

3 Terms and definitions ..... 5

4 Requirements ..... 6
4.1 Design ..... 6
4.1.1 Materials ..... 6
4.1.2 Pressure/temperature ratings ..... 6
4.1.3 Dimensions ..... 6
4.1.4 Operation ..... 9
4.1.5 Auxiliary connections ..... 9
4.1.6 Permanent joining ..... 10
4.2 Functional characteristics ..... 10
4.2.1 Shell design strength ..... 10
4.2.2 Flow characteristics ..... 10
4.2.3 Seat leakage ..... 10
4.2.4 Permissible manual operating forces ..... 11

5 Test procedures ..... 11

6 Declaration of compliance ..... 11

7 Designation ..... 11

8 Marking and preparation for storage and transportation ..... 11
8.1 Marking ..... 11
8.2 Preparation for storage and transportation ..... 12

Annex A (informative) Information to be supplied by the customer ..... 13

Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 97/23/EC ..... 14