ISO 22554:2015-03 (E)

Ships and marine technology - Propeller shaft revolution indicators - Electric type and electronic type

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Construction of indicator system 2
4.1 Indicator system 2
4.2 Transmitters 3
4.3 Indicator 4

5 Performance requirements 5
5.1 General 5
5.2 Balance 5
5.3 Friction error 5
5.4 Calibration accuracy 5
5.5 Damping 5
5.6 Zero point 5
5.7 Output electric signal of a signal converter 6
5.8 Output electric signal accuracy of a signal converter 6
5.9 Power supply fluctuations 6
5.10 Insulation resistance and high voltage 6

6 Methods of testing and required test results 7
6.1 Test items and sequence 7
6.2 Construction 7
6.3 Environmental test 7
6.4 Balance test 7
6.5 Friction test 7
6.6 Calibration accuracy test 7
6.7 Damping test 7
6.8 Zero point test 8
6.9 Signal converter output electric signal test 8
6.10 Signal converter output electric signal accuracy test 8
6.11 Power supply fluctuation test 8

7 Interface 8

8 Marking 8

9 Information 8

Bibliography 9