# ISO 21250-1:2020 (E)

## Rolling bearings — Noise testing of rolling bearing greases — Part 1: Basic principles, testing assembly and test machine

## Contents


Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Symbols, abbreviated terms and subscripts

5 Basics

6 Grease noise evaluation method

- 6.1 General and overview
- 6.2 Calculation method for the grease damping
- 6.3 Calculation method for peak analysis
- 6.4 Calculation for SUN analysis

7 Noise testing of greases

- 7.1 General information
- 7.2 Measuring principle
- 7.3 Test machine
- 7.4 Test setup
- 7.5 Test bearings and amount of grease
- 7.6 Test load
- 7.7 Spindle speed
- 7.8 Signal recording
- 7.9 Display

8 Calibration

- 8.1 General
- 8.2 Calibration levels
- 8.3 Calibration means

9 Error estimation


Page count: 13