

Contents

<i>Preface</i>	vii
1 Rolling Bearings	1
2 Bearing Types	6
3 Materials for Rolling Bearings	34
4 Standardisation and Inspection	43
5 Fits for Rolling Bearings	57
6 Friction and Lubrication	78
7 Lubrication Methods	98
8 Hertz Data	110
9 Stribeck's Experimental Data	127
10 Goodman's Experiments: Track Data of Roller Bearings	147
11 Relative Movement, Resolution of Forces, Loads on Elements	157
12 Items Affecting Load-Carrying Capacity	206
13 Life Expectancy and Bearing Capacity	229
14 General Design Data	263
15 Some Applications of Rolling Bearings	329
<i>Bibliography</i>	416
<i>Index</i>	421