DIN 5405-3:2016-12 (E)

Roll ing bearings - Needle roller bearings - Part 3: Thrust washers

Contents

Page

Foreword ... 3

Introduction ... 4

1 Scope ... 5

2 Normative references ... 5

3 Terms, definitions and symbols ... 5

4 Type, designation, dimensions ... 6
4.1 Type ... 6
4.2 Designation ... 6
4.3 Dimensions, tolerances and symbols ... 6

5 Material ... 8

6 Type ... 8
6.1 Diameter ... 8
6.2 Washer thickness ... 8
6.3 Hardness and surface roughness ... 8

7 Mounting instructions ... 8

Annex A (informative) Explanatory notes ... 9

Bibliography ... 10

Figures

Figure 1 — Thrust washer ... 6

Tables

Table 1 — Symbols for sizes, tolerance symbols and GPS modifiers ... 6

Table 2 — Dimensions, tolerances and symbols ... 7

Table 3 — Tolerance classes for shaft and housing ... 8

Table A.1 — Comparison with ISO 3031:2000, Table 2 ... 9