

DIN 720

**DIN**

ICS 21.100.20

Supersedes  
DIN 720:1979-02

**Rolling bearings –  
Tapered roller bearings,  
English translation of DIN 720:2008-08**

Wälzlager –  
Kegelrollenlager,  
Englische Übersetzung von DIN 720:2008-08

Roulements –  
Roulements à galets côniques,  
Traduction anglaise de DIN 720:2008-08

Document comprises 14 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.



*A comma is used as the decimal marker.*

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## Foreword

This standard has been prepared by Working Committee NA 118-01-09 AA *Kegelrollenlager und Pendelrollenlager einschließlich Teile* of the *Normenausschuss Wälz- und Gleitlager* (Rolling Bearings and Plain Bearings Standards Committee).

### Amendments

This standard differs from DIN 720:1979-02 as follows:

- a) the standard has been completely revised;
- b) information on the mass is no longer included in Table 1;
- c) normative references have been updated;
- d) Annex A has been revised.

### Previous editions

DIN 720: 1933-11, 1936-09, 1939-12, 1959-09, 1965-04, 1970-08, 1979-02  
DIN 720-1: 1942-08  
DIN 720-2: 1940-07, 1942-08  
DIN 720-3: 1940-07

## **1 Scope**

This standard specifies dimensions and symbols for single row metric tapered roller bearings, the main dimensions of which have been taken from ISO 355. Since only these dimensions conform to the general plan as in DIN 616 and the symbols specified in the DIN Standard differ from those given in the International Standard, the present standard, DIN 720, has been retained and is to be used in conjunction with ISO 335.

## **2 Normative references**

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

DIN 616, *Rolling bearings — Dimensions — General plan*

DIN 620-1, *Rolling bearings — Gauging methods for dimensional and running tolerances*

DIN 620-2, *Rolling bearings — Tolerances for rolling bearings — Tolerances for radial bearings*

DIN 620-6, *Rolling bearings — Rolling bearing tolerances — Part 6: Chamfer dimension limits*

DIN 623-1, *Rolling bearings — Fundamental principles — Designation, marking*

DIN 5418, *Rolling bearings — Mounting dimensions*

DIN EN ISO 683-17, *Heat treated steels, alloy steels and free-cutting steels — Part 17: Ball and roller bearing steels*

ISO 355, *Rolling bearings — Tapered roller bearings — Boundary dimensions and series designations*