

BUREAU OF INDIAN STANDARDS

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Doc: PGD 40 (26303) WC

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भारतीय मानक मसौदा

बेल्ट चालन — अनुप्रयोग उद्योग हेतु घिरनियाँ व वी-उभरी धारीदार पट्टे — पी एच, पी जे, पी के, पी

एल और पी एम प्रोफाइल : आयाम

(IS 15151 का पहला पुनरीक्षण)

Draft Indian Standard

Belt drives — Pulleys and V-ribbed belts for industrial applications — PH, PJ, PK, PL and PM profiles: Dimensions

(*First Revision of IS 15151*)

ICS 21.220.10

Conveyor Belts Sectional Committee, PGD 40

Last Date for Comments: **04-10-2024**

NATIONAL FOREWORD

(Formal clauses will be added later on)

This Standard specifies the principal dimensional characteristics of V-ribbed pulley groove profiles, together with the corresponding endless V-ribbed belts, of PH, PJ, PK, PL and PM profiles which are used for general industrial applications except elastic belts.

This standard was first published in 2002. The first revision of this standard has been undertaken to align it with the latest version of ISO 9982.

The PK belt was originally established for automotive accessory drive applications and ISO 9981 deals specifically with that particular field.

The major changes in this revision are as follows:

- Clarifications have been provided where the document is not for elastic belts,
- Revision of **5.3.6** to reference ISO 254 for pulley roughness has been made,
- Removal of the current roughness values has been made,
- Specifications of the maximum pulley groove radius ([Table 2](#)) have been provided,
- Specifications of the minimum pulley groove radius of PH and PJ profiles ([Table 2](#)) have been provided,

- f) Specifications of the maximum belt groove bottom radius of PH and PJ profiles ([Table 8](#)) have been provided, and
- g) Specification of the measuring pulleys and measuring forces of PK, PL and PM profiles ([Table 9](#)) have been provided.

The text of ISO standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are however not identical to those used in Indian Standards. Attention is particularly drawn to the following

- a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current-practice is to use a point (.) as the decimal marker.

For the purpose of deciding whether a particular requirement of this standard is complied with the final value, observed or calculated, expressing the result of a test or analysis shall be rounded off in accordance with IS 2 : 2022 'Rules for rounding off numerical values (*second revision*)'.

NOTE: The technical content of draft standard is not available on website. For details, please refer to ISO 9982 : 2021 or contact:

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