

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

Not to be reproduced without permission of BIS or used as Standard

Doc: PGD 40 (26300) WC

August 2024

भारतीय मानक मसौदा

बेल्ट चालन — मोटर वाहन उद्योग हेतु घिरनियाँ व वी-उभरी धारीदार

पट्टे — पी के प्रोफाइल: आयाम

(IS 15149 का पहला पुनरीक्षण)

Draft Indian Standard

Belt drives — Pulleys and V-ribbed belts for the automotive industry — PK profile: Dimensions

(First Revision of IS 15149)

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 PK profile which are used predominantly for automotive accessory drive applications.

This Standard does not apply to the complete array of V-ribbed belts and pulleys of PH, PJ, PK, PL and PM profile for industrial and other non-automotive applications which are covered by ISO 9982. PK belt profile dimensions and tolerances are the same in both International Standards.

The major changes in this revision are as follows:

- Clarifications have been made where the standard is not for elastic belts,
- 5.3.5** has been revised to reference ISO 254 for pulley roughness,
- The current roughness values have been removed, and
- The maximum pulley groove radius ([Table 2](#)) has been specified.

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 9981 : 2020 or contact:

Head
Production and General Engineering Department
Bureau of Indian Standards
9 Bahadur Shah Zafar Marg New Delhi-110002
Email: pgd@bis.org.in
Telefax:011-23234819