



# Guideways TKD20 (Series TKD)

for two-row linear recirculating ball bearing and guideway assembly

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue ordering system

(<http://www.ina.de/content.ina.de/en/mediathek/library/library.jsp>) or by telephone on +49 (91 32) 82 - 28 97.

|                       |                                                                                                                                                                                                                                                                  |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| h                     | 16,5 mm                                                                                                                                                                                                                                                          |
| b                     | 20 mm Tolerance: -0,004 / -0,05                                                                                                                                                                                                                                  |
| l <sub>max</sub>      | 1980 mm Maximum length of single-piece guideways; longer guideways are supplied in several sections and are marked accordingly.<br>Maximum single-piece guideway length of 6 m by agreement.                                                                     |
| 1)                    | Locating face                                                                                                                                                                                                                                                    |
| 2)                    | Marking                                                                                                                                                                                                                                                          |
| a <sub>L</sub><br>max | 53 mm a L and a R are dependent on the length l <sub>max</sub> of the guideway                                                                                                                                                                                   |
| a <sub>L</sub><br>min | 20 mm a L and a R are dependent on the length l <sub>max</sub> of the guideway                                                                                                                                                                                   |
| a <sub>R</sub><br>max | 53 mm a L and a R are dependent on the length l <sub>max</sub> of the guideway                                                                                                                                                                                   |
| a <sub>R</sub><br>min | 20 mm a L and a R are dependent on the length l <sub>max</sub> of the guideway                                                                                                                                                                                   |
| h <sub>1</sub>        | 8,8 mm                                                                                                                                                                                                                                                           |
| j <sub>L</sub>        | 60 mm                                                                                                                                                                                                                                                            |
| K <sub>1</sub>        | M5 For screws to DIN ISO 4762-12.9<br>Max. tightening torque in Nm:<br>M3 = 2,5<br>M4 = 5<br>M5 = 10<br>M6 = 17<br>M8 = 41<br>M12 = 140<br>M14 = 220<br>M16 = 340<br>If there is a possibility of settling, the fixing screws should be secured against rotation |
| ms                    | 2,2 kg/m Mass of guideway                                                                                                                                                                                                                                        |

