

Axial cylindrical roller bearings 81224-TV (Series 812)

single direction, comprising K812, GS, WS

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 (https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp) or by telephone on +49 (91 32) 82 - 28 97.

| | |
|--------------------|-----------------|
| d | 120 mm |
| D | 170 mm |
| T | 39 mm |
| | |
| D ₁ | 123 mm |
| d ₁ | 170 mm |
| Da max | 127 mm |
| da min | 162 mm |
| r _a max | 1,1 mm |
| r _{min} | 1,1 mm |
| | |
| m | 2,54 kg Mass |

| | | |
|----------------|------------|--|
| C_a | 340000 N | Basic dynamic load rating, axial |
| C_{0a} | 1120000 N | Basic static load rating, axial |
| C_{ua} | 113000 N | Fatigue limit load |
| n_G | 2000 1/min | Limiting speed |
| $n_{\theta r}$ | 800 1/min | Reference speed |
| | K81224-TV | Allocated axial cylindrical roller and cage assembly |
| | GS81224 | Allocated housing locating washer |
| | WS81224 | Allocated shaft locating washer |



