

Axial deep groove ball bearings 51102 (Series 511)

main dimensions to DIN 711/ISO 104, single direction, separable

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

d	15 mm
D	28 mm
T	9 mm
D ₁	16 mm
d ₁	28 mm
Da max	20 mm
da min	23 mm
r _a max	0,3 mm
r _{min}	0,3 mm
m	0,027 kg Mass

C_a	10500 N	Basic dynamic load rating, axial
C_{0a}	16800 N	Basic static load rating, axial
C_{ua}	770 N	Fatigue limit load, axial
n_G	13100 1/min	Limiting speed
$n_{\theta r}$	14000 1/min	Reference speed
A	0,0020	Minimum load factor



