

Axial deep groove ball bearings 51410 (Series 514)

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	50 mm
D	110 mm
T	43 mm
D ₁	52 mm
d ₁	110 mm
Da max	74 mm
da min	86 mm
r _a max	1,5 mm
r _{min}	1,5 mm
m	1,81 kg Mass

C_a	138000 N	Basic dynamic load rating, axial
C_{0a}	255000 N	Basic static load rating, axial
C_{ua}	11700 N	Fatigue limit load, axial
n_G	2650 1/min	Limiting speed
$n_{\theta r}$	6500 1/min	Reference speed
A	0,4	Minimum load factor



