



Axial deep groove ball bearings

51409 (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 (<http://www.fag.de/content.fag.de/en/mediathek/library/library.jsp>) or by telephone on +49 (91 32) 82 - 28 97.

d	45 mm
D	100 mm
T	39 mm
D ₁	47 mm
d ₁	100 mm
D _a max	67 mm
d _a min	78 mm
r _a max	1 mm
r _{min}	1,1 mm
m	1,36 kg Mass
C _a	122000 N Basic dynamic load rating, axial
C _{0a}	220000 N Basic static load rating, axial
A	0,3 Minimum load factor
n _g	2850 1/min Limiting speed
C _{ua}	9800 N Fatigue limit load, axial

