

Deep groove ball bearings 6311-C-M (Series 63..-C)

modified internal construction (Generation C), main dimensions to DIN 625-1

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	55 mm
D	120 mm
B	29 mm
D ₂	105,3 mm
d ₂	72,5 mm
D _{a max}	109 mm
d _{a min}	66 mm
r _{a max}	2 mm
r _{min}	2 mm
m	1,6 kg Mass

C_r	83000 N	Basic dynamic load rating, radial
C_{0r}	47500 N	Basic static load rating, radial
C_{ur}	3300 N	Fatigue limit load, radial
n_G	11000 1/min	Limiting speed
$n_{\theta r}$	7800 1/min	Reference speed
f_0	12,9	Calculation factor



