

Deep groove ball bearings 61809-Y (Series 618)

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	45 mm
D	58 mm
B	7 mm
D ₁	54,1 mm
d ₁	49,1 mm
Da max	56 mm
da min	47 mm
ra max	0,3 mm
rmin	0,3 mm
m	0,039 kg Mass

C_r	7000 N	Basic dynamic load rating, radial
C_{0r}	5900 N	Basic static load rating, radial
C_{ur}	400 N	Fatigue limit load, radial
n_G	21900 1/min	Limiting speed
$n_{\theta r}$	7300 1/min	Reference speed
f_0	16,3	Calculation factor



