

Deep groove ball bearings 6305 (Series 63)

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	25 mm	
D	62 mm	
B	17 mm	
D ₁	50,2 mm	
d ₁	36,4 mm	
D _{a max}	55 mm	
d _{a min}	32 mm	
r _{a max}	1,1 mm	
r _{min}	1,1 mm	
m	0,234 kg	Mass
C _r	23800 N	Basic dynamic load rating, radial

C_{0r}	11500 N	Basic static load rating, radial
C_{ur}	600 N	Fatigue limit load, radial
n_G	16200 1/min	Limiting speed
n_{Gr}	12300 1/min	Reference speed
f_0	12,4	Calculation factor



