

# Deep groove ball bearings 6309-2Z (Series 63..-2Z)

main dimensions to DIN 625-1, gap seals on both sides

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
B	25 mm
d <sub>1</sub>	62 mm
D <sub>2</sub>	85,6 mm
D <sub>a</sub> max	91 mm
d <sub>a</sub> min	54 mm
r <sub>a</sub> max	1,5 mm
r <sub>min</sub>	1,5 mm
m	0,869 kg Mass
C <sub>r</sub>	56000 N Basic dynamic load rating, radial
C <sub>0r</sub>	31500 N Basic static load rating, radial
n <sub>G</sub>	8100 1/min Limiting speed
n <sub>B</sub>	8200 1/min Reference speed
C <sub>ur</sub>	2180 N Fatigue limit load, radial

