

## Deep groove ball bearings 61820-2RZ-Y (Series 618..-2RZ)

Main dimensions to DIN 625-1, non-contact radial 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 ([https://www.schaeffler.de/content.schaeffler.de/en/news\\_media/index.jsp](https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp)) or by telephone on +49 (91 32) 82 - 28 97.

d	100 mm
D	125 mm
B	13 mm
d <sub>1</sub>	108,2 mm
D <sub>2</sub>	119,2 mm
Da max	120,4 mm
da min	104,6 mm
r <sub>a</sub> max	1 mm
r <sub>min</sub>	1 mm
m	0,31 kg    Mass

$C_r$	21300 N	Basic dynamic load rating, radial
$C_{0r}$	22100 N	Basic static load rating, radial
$C_{ur}$	1250 N	Fatigue limit load, radial
$n_G$	6300 1/min	Limiting speed
$n_{\theta r}$	4150 1/min	Reference speed
$f_0$	16	Calculation factor



