

Technical information



Your current product variant

Design	BE	With lose center lip ring
Bore type	Z	Cylindrical
Cage	JPB	Sheet metal cage
Relubrication	Standard	

Main Dimensions & Performance Data

d	200 mm	Bore diameter
D	340 mm	Outside diameter
B	112 mm	Width
C _r	1.610.000 N	Basic dynamic load rating, radial
C _{0r}	2.270.000 N	Basic static load rating, radial
C _{ur}	193.000 N	Fatigue load limit, radial
n _G	2.040 1/min	Limiting speed
n _{gr}	1.230 1/min	Reference speed
m	44,5 kg	Weight

Mounting dimensions

d _{a min}	214 mm	Minimum diameter shaft shoulder
D _{a max}	326 mm	Maximum diameter of housing shoulder
r _{a max}	2,5 mm	Maximum recess radius



Dimensions

r_{\min}	3 mm	Minimum chamfer dimension
D_1	295,8 mm	Bore diameter outer ring
d_2	230,4 mm	Raceway diameter of the inner ring
d_s	9,5 mm	Diameter lubrication hole
n_s	17,7 mm	Width of lubricating groove










Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	200 °C	Operating temperature max.

Calculation factors

e	0,32	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,1	Dynamic axial load factor
Y_2	3,13	Dynamic axial load factor
Y_0	2,06	Static axial load factor

Characteristics

	Radial load
	Axial load in one direction
	Axial load in two directions
	Grease Lubrication
	Oil Lubrication
	Not sealed
	Large bearing
	Static angular error and misalignment
	Dynamic angular error and misalignment