



## Technical information



### Your current product variant

Design	BE	With lose center lip ring
Bore type	Z	Cylindrical
Cage	JPB	Sheet metal cage
Radial internal clearance	CN (Group N)	Normal internal clearance
Relubrication facility	Standard	

### Main Dimensions & Performance Data

d	220 mm	Bore diameter
D	340 mm	Outside diameter
B	90 mm	Width
C <sub>r</sub>	1.260.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	1.900.000 N	Basic static load rating, radial
C <sub>ur</sub>	182.000 N	Fatigue load limit, radial
n <sub>G</sub>	2.230 1/min	Limiting speed
n <sub>gr</sub>	1.450 1/min	Reference speed
≈m	29,245 kg	Weight



### Mounting dimensions

$d_{a \min}$	232,4 mm	Minimum diameter shaft shoulder
$D_{a \max}$	327,6 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,5 mm	Maximum recess radius

### Dimensions

$r_{\min}$	3 mm	Minimum chamfer dimension
$D_1$	304,5 mm	Bore diameter outer ring
$d_2$	248,8 mm	Raceway diameter of the inner ring
$d_s$	8 mm	Diameter lubrication hole
$n_s$	15 mm	Width of lubricating groove

### Temperature range

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

### Calculation factors

$e$	0,24	Limiting value of $F_a/F_r$ for the applicability of diff. Values of factors X and Y
$Y_1$	2,81	Dynamic axial load factor
$Y_2$	4,19	Dynamic axial load factor
$Y_0$	2,75	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