



## 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	C4 (Group 4)	Internal clearance larger than C3
Relubrication	Standard	

### Main Dimensions & Performance Data

d	130 mm	Bore diameter
D	210 mm	Outside diameter
B	80 mm	Width
$C_r$	710.000 N	Basic dynamic load rating, radial
$C_{0r}$	1.050.000 N	Basic static load rating, radial
$C_{ur}$	112.000 N	Fatigue load limit, radial
$n_G$	2.800 1/min	Limiting speed
$n_{gr}$	1.560 1/min	Reference speed
$\approx m$	10,7 kg	Weight



### Mounting dimensions

$d_{a \min}$	141 mm	Minimum diameter shaft shoulder
$D_{a \max}$	199 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2 mm	Maximum recess radius

### Dimensions

$r_{\min}$	2 mm	Minimum chamfer dimension
$D_1$	181,2 mm	Bore diameter outer ring
$d_2$	148,3 mm	Raceway diameter of the inner ring
$d_s$	3,2 mm	Diameter lubrication hole
$n_s$	6,5 mm	Width of lubricating groove

### Temperature range

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

### Calculation factors

$e$	0,34	Limiting value of $F_a/F_r$ for the applicability of diff. Values of factors X and Y
$Y_1$	1,98	Dynamic axial load factor
$Y_2$	2,94	Dynamic axial load factor
$Y_0$	1,93	Static axial load factor



### Characteristics

---



Radial load



Axial load in one direction



Axial load in two directions



Grease Lubrication



Oil Lubrication



Not sealed



Static angular error and misalignment



Dynamic angular error and misalignment