



## Technical information



### Your current product variant

Design	E1	Without central rip
Bore type	Z	Cylindrical
Cage	JPA	Sheet metal cage
Radial internal clearance	CN (Group N)	Normal internal clearance
Relubrication facility	H40	Without lubricating groove and holes



### Main Dimensions & Performance Data

d	65 mm	Bore diameter
D	140 mm	Outside diameter
B	48 mm	Width
$C_r$	350.000 N	Basic dynamic load rating, radial
$C_{0r}$	365.000 N	Basic static load rating, radial
$C_{ur}$	33.500 N	Fatigue load limit, radial
$n_G$	5.000 1/min	Limiting speed
$n_{gr}$	3.800 1/min	Reference speed
$\approx m$	3,69 kg	Weight



### Mounting dimensions

$d_{a \min}$	77 mm	Minimum diameter shaft shoulder
$D_{a \max}$	128 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,1 mm	Maximum recess radius

### Dimensions

$r_{\min}$	2,1 mm	Minimum chamfer dimension
$D_1$	119,3 mm	Bore diameter outer ring
$d_2$	83,2 mm	Raceway diameter of the inner ring

### 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
$Y_1$	2	Dynamic axial load factor
$Y_2$	2,98	Dynamic axial load factor
$Y_0$	1,96	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