

## 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	H40	Without lubricating groove and holes

### Main Dimensions & Performance Data

d	30 mm	Bore diameter
D	62 mm	Outside diameter
B	20 mm	Width
$C_r$	64.000 N	Basic dynamic load rating, radial
$C_{0r}$	57.000 N	Basic static load rating, radial
$C_{ur}$	7.000 N	Fatigue load limit, radial
$n_G$	12.500 1/min	Limiting speed
$n_{gr}$	7.800 1/min	Reference speed
$\approx m$	0,276 kg	Weight



### Mounting dimensions

$d_{a \min}$	35,6 mm	Minimum diameter shaft shoulder
$D_{a \max}$	56,4 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum recess radius

### Dimensions

$r_{\min}$	1 mm	Minimum chamfer dimension
$D_1$	53,7 mm	Bore diameter outer ring
$d_2$	38,1 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

$e$	0,3	Limiting value of $F_a/F_r$ for the applicability of diff. Values of factors X and Y
$Y_1$	2,26	Dynamic axial load factor
$Y_2$	3,37	Dynamic axial load factor
$Y_0$	2,21	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