**FAG****3313-DA**

## Angular contact ball bearing

Angular contact ball bearing 33..-DA, double row, split inner ring, steel sheet metal cage

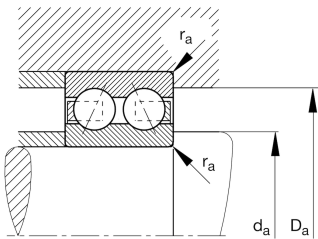
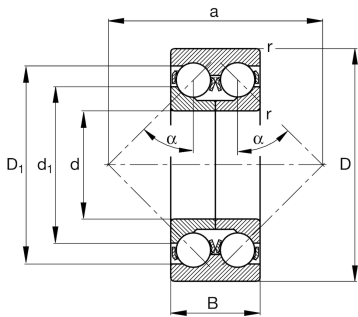
## Technical information

## Your current product variant

Design variant	DA	Bearing with split inner ring
Sealing	Without	Not sealed
Cage	JP	Steel sheet metal
Tolerance class	PN	Tolerance class PN, acc. to DIN 620
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	Without	Bearing not greased
Axial internal clearance	CN	Group N (CN)

## Main Dimensions &amp; Performance Data

d	65 mm	Bore diameter
D	140 mm	Outside diameter
B	58,7 mm	Width
$C_r$	139.000 N	Basic dynamic load rating, radial
$C_{0r}$	137.000 N	Basic static load rating, radial
$C_{ur}$	7.400 N	Fatigue load limit, radial
$n_G$	5.100 1/min	Limiting speed
$n_{\vartheta r}$	4.650 1/min	Reference speed
$m$	4,205 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 fillet radius

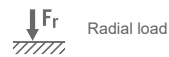
### Dimensions

$r_{\min}$	2,1 mm	Minimum chamfer dimension
$D_1$	124,06 mm	Shoulder diameter outer ring
$d_1$	98,36 mm	Shoulder diameter inner ring
$a$	131,5 mm	Distance between the apexes of the pressure cones
$\alpha$	45 °	Contact angle

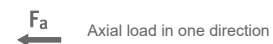
### Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	150 °C	Operating temperature max.

### Characteristics



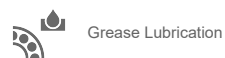
Radial load



Axial load in one direction



Axial load in two directions



Grease Lubrication



Oil Lubrication



Not sealed