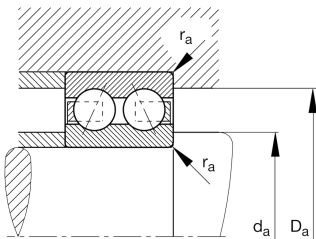
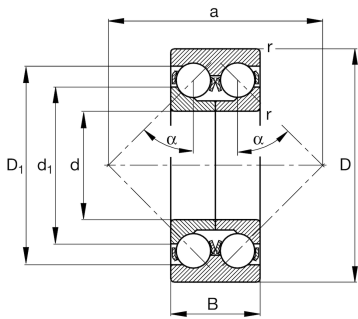


**FAG****3317-DA-MA**

Angular contact ball bearing

Angular contact ball bearing 33..-DA-MA,  
double row, split inner ring, solid brass cage

## Technical information



## Your current product variant

Design variant	DA	Bearing with split inner ring
Sealing	Without	Not sealed
Cage	MA	Solid brass cage, outer ring guided
Tolerance class	PN	Normal (ISO 492:2023)
Lubricant	Without	Bearing not greased
Axial internal clearance	CN	Group N (CN)

## Main Dimensions &amp; Performance Data

d	85 mm	Bore diameter
D	180 mm	Outside diameter
B	73 mm	Width
$C_r$	209.000 N	Basic dynamic load rating, radial
$C_{0r}$	221.000 N	Basic static load rating, radial
$C_{ur}$	11.000 N	Fatigue load limit, radial
$n_G$	5.200 1/min	Limiting speed
$n_{gr}$	3.750 1/min	Reference speed
$m$	9,39 kg	Weight



### Mounting dimensions

$d_{a \min}$	99 mm	Minimum diameter shaft shoulder
$D_{a \max}$	166 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,5 mm	Maximum fillet radius

### Dimensions

$r_{\min}$	3 mm	Minimum chamfer dimension
$D_1$	156,47 mm	Shoulder diameter outer ring
$d_1$	124,3 mm	Shoulder diameter inner ring
$a$	167 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