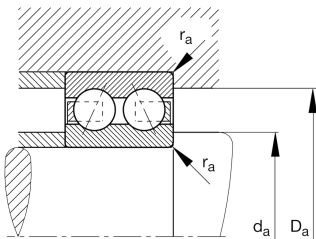
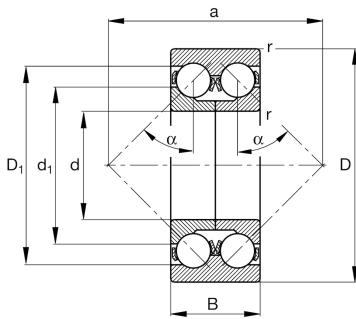


**FAG****3317-DA-MA**

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	Tolerance class PN, acc. to DIN 620
Lubricant	Without	Bearing not greased
Axial internal clearance	CN	Group N (CN)

Main Dimensions & 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
α	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