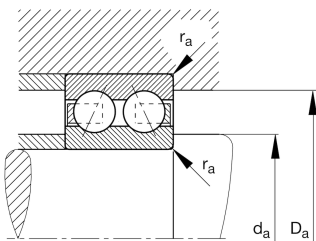
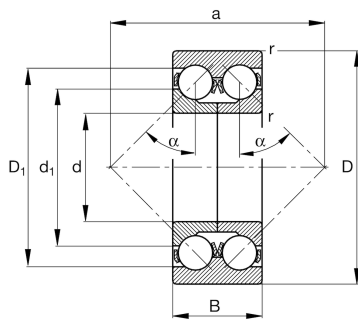


**FAG****3308-DA-MA**

Angular contact ball bearing

Angular contact ball bearing 33...-DA-MA,
double row, split inner ring, solid brass cageSchaeffler ID:
0190023000000

Technical information



Your current product variant

Sealing	Without	Not sealed
Cage	MA	Solid brass cage, outer ring guided
Tolerance class	PN	Normal (PN)
Lubricant	Without	Bearing not greased
Axial internal clearance	CN	Group N (CN)

n.r.

	DA	Design variant
≈m	1,125 kg	Weight

Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	90 mm	Outside diameter
B	36,5 mm	Width
C _r	62.000 N	Basic dynamic load rating, radial
C _{0r}	52.000 N	Basic static load rating, radial
C _{ur}	3.300 N	Fatigue load limit, radial
n _G	10.700 1/min	Limiting speed
n _{gr}	6.000 1/min	Reference speed



Mounting dimensions

$d_{a\ min}$	49 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	81 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	1,5 mm	Maximum fillet radius

Dimensions

$r_{\min}$	1,5 mm	Minimum chamfer dimension
D_1	79,67 mm	Shoulder diameter outer ring
d_1	61,7 mm	Shoulder diameter inner ring
a	85,3 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