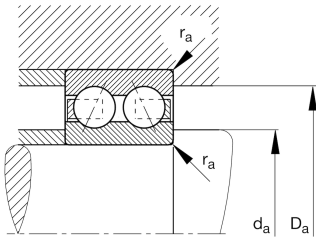
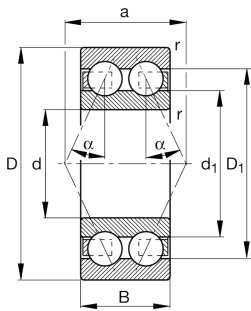
**FAG****3313-B-TVH**

Angular contact ball bearing

Angular contact ball bearing 33..-B-TVH,
double row, plastic cageSchaeffler ID:
0167138420000

Technical information



Your current product variant

Design variant	B	Bearing without filling slot
Sealing	Without	Not sealed
Cage	TVH	Solid cage made of glass-fiber reinforced polyamid PA66
Tolerance class	PN	Normal (PN)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	GA13	Ball bearing and insert bearing grease, standard for D>62mm
Axial internal clearance	CN	Group N (CN)

Main Dimensions & Performance Data

d	65 mm	Bore diameter
D	140 mm	Outside diameter
B	58,7 mm	Width
C _r	145.000 N	Basic dynamic load rating, radial
C _{0r}	122.000 N	Basic static load rating, radial
C _{ur}	6.300 N	Fatigue load limit, radial
n _G	4.850 1/min	Limiting speed
n _{gr}	4.800 1/min	Reference speed
≈m	3,45 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	117,64 mm	Shoulder diameter outer ring
d_1	88,56 mm	Shoulder diameter inner ring
a	72,8 mm	Distance between the apexes of the pressure cones
α	25 °	Contact angle

Temperature range

$T_{\min}$	-20 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.

Characteristics

	Radial load
	Axial load in one direction
	Axial load in two directions
	Grease Lubrication
	Oil Lubrication
	Not sealed