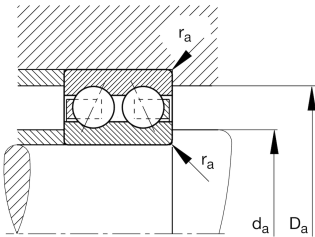
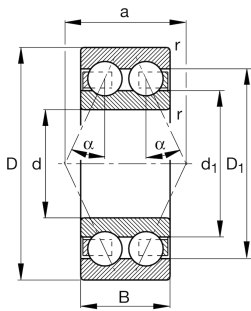
**FAG****3312-B-TVH-C3**

Angular contact ball bearing

Angular contact ball bearing 33...-B-TVH,
double row, plastic cageSchaeffler ID:
0167138260030

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	C3	Group 3 (C3), bigger than CN

Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	130 mm	Outside diameter
B	54 mm	Width
C _r	126.000 N	Basic dynamic load rating, radial
C _{0r}	103.000 N	Basic static load rating, radial
C _{ur}	5.300 N	Fatigue load limit, radial
n _G	3.950 1/min	Limiting speed
n _{gr}	5.000 1/min	Reference speed
≈m	2,81 kg	Weight



Mounting dimensions

d a min	72 mm	Minimum diameter shaft shoulder
D a max	118 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	108,7 mm	Shoulder diameter outer ring
d 1	81,6 mm	Shoulder diameter inner ring
a	67,3 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