

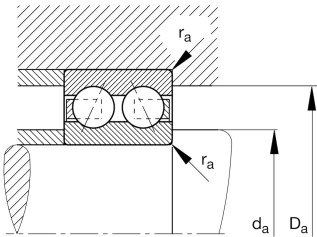
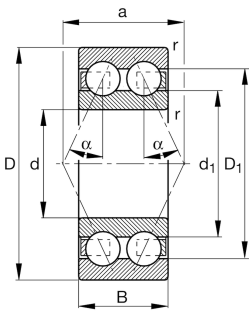
FAG

3215-B-TVH

Angular contact ball bearing

Angular contact ball bearing 32..-B-TVH,
double row, plastic cage

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	75 mm	Bore diameter
D	130 mm	Outside diameter
B	41.3 mm	Width
C _r	88,000 N	Basic dynamic load rating, radial
C _{0r}	85,000 N	Basic static load rating, radial
C _{ur}	4,350 N	Fatigue load limit, radial
n _G	3,900 1/min	Limiting speed
n _{gr}	5,300 1/min	Reference speed
≈m	1.8 kg	Weight



Mounting dimensions

$d_{a\ min}$	84 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	121 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	112.6 mm	Shoulder diameter outer ring
d_1	92.42 mm	Shoulder diameter inner ring
a	65.2 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