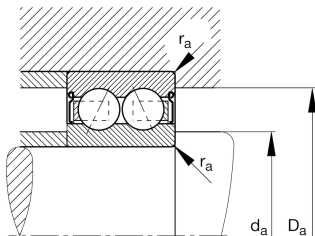
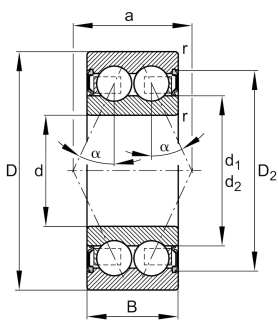


**FAG****3217-B-2RSR-TVH**

Angular contact ball bearing

Angular contact ball bearing 32...-B-2RSR-TVH, double row, seals, plastic cage

Technical information



Your current product variant

Design variant	B	Bearing without filling slot
Sealing	2RSR	Contact seal on both sides
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	85 mm	Bore diameter
D	150 mm	Outside diameter
B	49.2 mm	Width
C _r	124,000 N	Basic dynamic load rating, radial
C _{0r}	126,000 N	Basic static load rating, radial
C _{ur}	6,100 N	Fatigue load limit, radial
n _G	2,500 1/min	Limiting speed
≈m	3.05 kg	Weight



Mounting dimensions

$d_{a\ min}$	96 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	139 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	2 mm	Maximum fillet radius

Dimensions

r_{\min}	2 mm	Minimum chamfer dimension
D_1	129.79 mm	Shoulder diameter outer ring
D_2	133.8 mm	Caliber diameter outer ring
d_1	106.2 mm	Shoulder diameter inner ring
a	75.4 mm	Distance between the apexes of the pressure cones
α	25 °	Contact angle

Temperature range

T_{\min}	-20 °C	Operating temperature min.
T_{\max}	100 °C	Operating temperature max.

Characteristics

	Radial load
	Axial load in one direction
	Axial load in two directions
	Lifetime lubrication, freedom from maintenance
	Grease Lubrication
	Sealed on both sides