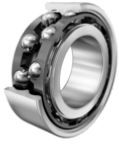
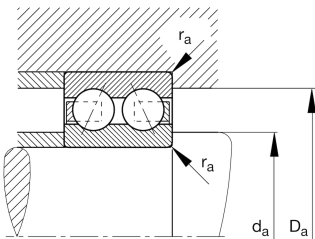


**FAG****3214-B-TVH**

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 polyamide PA66
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	GA13	Ball bearing and insert bearing grease
Axial internal clearance	CN	Group N (CN)

## Main Dimensions &amp; Performance Data

d	70 mm	Bore diameter
D	125 mm	Outside diameter
B	39,7 mm	Width
$C_r$	82.000 N	Basic dynamic load rating, radial
$C_{0r}$	79.000 N	Basic static load rating, radial
$C_{ur}$	4.100 N	Fatigue load limit, radial
$n_G$	5.600 1/min	Limiting speed
$n_{gr}$	5.600 1/min	Reference speed
$\approx m$	1,73 kg	Weight



### Mounting dimensions

$d_{a \min}$	79 mm	Minimum diameter shaft shoulder
$D_{a \max}$	116 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1,5 mm	Maximum fillet radius

### Dimensions

$r_{\min}$	1,5 mm	Minimum chamfer dimension
$D_1$	106,26 mm	Shoulder diameter outer ring
$d_1$	86,75 mm	Shoulder diameter inner ring
$a$	61,6 mm	Distance between the apexes of the pressure cones
$\alpha$	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