



FAG

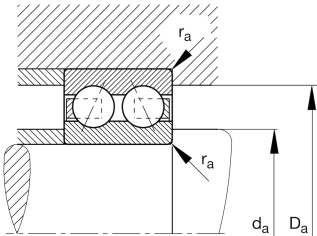
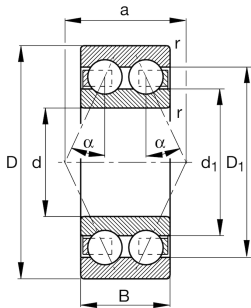


3218-BB-TVH-L946

Angular contact ball bearing

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

Informacje techniczne



Twoja aktualna wersja produktu

Design variant	B	Bearing without filling slot
Changed internal design	B	B
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	L946	Not greased, only preserved
Axial internal clearance	CN	Group N (CN)

Main Dimensions & Performance Data

d	90 mm	Bore diameter
D	160 mm	Outside diameter
B	52,4 mm	Width
C _r	142.000 N	Basic dynamic load rating, radial
C _{0r}	142.000 N	Basic static load rating, radial
C _{ur}	6.500 N	Fatigue load limit, radial
n _G	4.100 1/min	Limiting speed
n _{gr}	4.500 1/min	Reference speed
≈m	3,8 kg	Masa



Mounting dimensions

$d_{a\ min}$	104 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	146 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	2 mm	Maximum fillet radius

Dimensions

$r_{\ min}$	2 mm	Minimum chamfer dimension
$D_{\ 1}$	141,57 mm	Shoulder diameter outer ring
$D_{\ 2}$	145,17 mm	Caliber diameter outer ring
$d_{\ 1}$	116,41 mm	Shoulder diameter inner ring
$d_{\ 2}$	112,06 mm	Caliber diamter inner ring
a	81,4 mm	Distance between the apexes of the pressure cones
α	25 °	Contact angle

Temperature range

$T_{\ min}$	-30 °C	Operating temperature min.
$T_{\ max}$	120 °C	Operating temperature max.

Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Obciążenie osiowe dwukierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia