

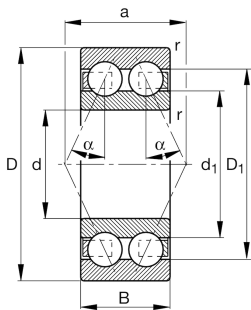


3301

Angular contact ball bearing

Angular contact ball bearing 33...-B-TVH,
double row, plastic cage

Informacje techniczne



Twoja aktualna wersja produktu

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	SN	Rings dimensional stabilized up to 120°
Lubricant	GA14	Ball bearing grease, low noise
Axial internal clearance	CN	Group N (CN)

Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	37 mm	Outside diameter
B	19 mm	Width
C _r	14.600 N	Basic dynamic load rating, radial
C _{0r}	8.300 N	Basic static load rating, radial
C _{ur}	430 N	Fatigue load limit, radial
n _G	20.400 1/min	Limiting speed
n _{gr}	13.000 1/min	Reference speed
≈m	0,09 kg	Masa



Mounting dimensions

$d_{a\ min}$	17,6 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	31,4 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	1 mm	Maximum fillet radius

Dimensions

$r_{\ min}$	1 mm	Minimum chamfer dimension
D_1	30,5 mm	Shoulder diameter outer ring
d_1	21,7 mm	Shoulder diameter inner ring
d_2	18,7 mm	Caliber diamter inner ring
a	19,7 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.

Właściwości

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