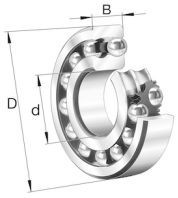


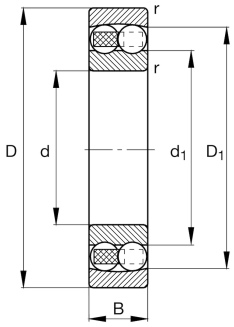
FAG

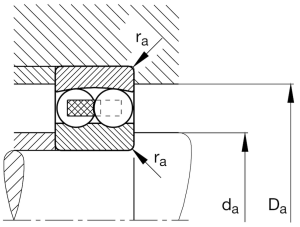
2215-TVH

Self-aligning ball bearing

Self-aligning ball bearing 22..-TVH, plastic cage

Informacje techniczne





Twoja aktualna wersja produktu

Bore type	Z	Cylindrical
Sealing	Without	Not sealed
Cage	TVH	Solid cage made of glass-fiber reinforced polyamide PA66
Tolerance class	PN	Normal (ISO 492:2023)
Radial internal clearance	CN (Group N)	Normal internal clearance
Lubricant	Without	Bearing not greased

Main Dimensions & Performance Data

d	75 mm	Bore diameter
D	130 mm	Outside diameter
B	31 mm	Width
C_r	44.500 N	Basic dynamic load rating, radial
C_{0r}	17.800 N	Basic static load rating, radial
C_{ur}	1.110 N	Fatigue load limit, radial
n_G	5.600 1/min	Limiting speed
$n_{\vartheta r}$	5.600 1/min	Reference speed
≈m	1,6 kg	Masa

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	114,3 mm	Shoulder diameter outer ring
d_1	93,34 mm	Shoulder diameter inner ring

Temperature range

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

Calculation factors

e	0,25	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y_1	2,48	Dynamic axial load factor
Y_2	3,84	Dynamic axial load factor
Y_0	2,6	Static axial load factor

Właściwości

Obciążenie promieniowe

Obciążenie osiowe jednokierunkowe

Obciążenie osiowe dwukierunkowe


Smarowanie smarem


Smarowanie olejem


Bez uszczelnienia


Nieosiowość statyczna


Nieosiowość dynamiczna