

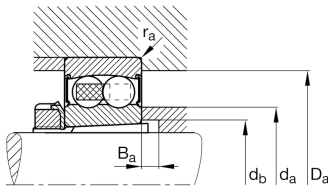
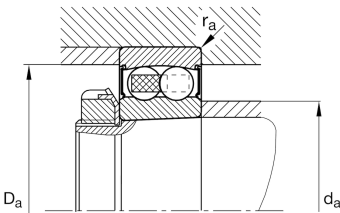
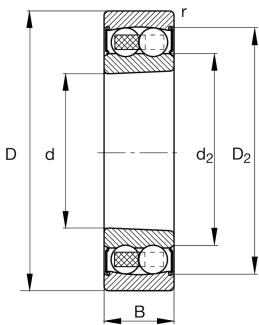
FAG

2206-K-2RS-TVH-C3

Self-aligning ball bearing

Self-aligning ball bearing 22..-K-2RS-TVH, tapered bore taper 1:12, seals, plastic cage

Informacje techniczne



Twoja aktualna wersja produktu

Bore type	K	Tapered, taper 1:12
Type of Seal	2RS	Contact seal on both sides
Cage	TVH	Solid cage made of glass-fiber reinforced polyamide PA66
Tolerance class	PN	Normal (ISO 492:2023)
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Lubricant	GA14	Ball bearing grease, low noise

Main Dimensions & Performance Data

d	30 mm	Bore diameter
D	62 mm	Outside diameter
B	20 mm	Width
C _r	15.900 N	Basic dynamic load rating, radial
C _{0r}	4.650 N	Basic static load rating, radial
C _{ur}	295 N	Fatigue load limit, radial
n _G	7.100 1/min	Limiting speed
≈m	0,26 kg	Masa



Mounting dimensions

$d_{a \min}$	35,6 mm	Minimum diameter shaft shoulder
$d_{a \max}$	38 mm	Maximum diameter shaft shoulder
$D_{a \max}$	56,4 mm	Maximum diameter of housing shoulder
$d_{b \min}$	33 mm	Minimum cavity diameter of the sleeve
$B_{a \min}$	5 mm	Minimum cavity width of the sleeve
$r_{a \max}$	1 mm	Maximum fillet radius

Dimensions

$r_{\min}$	1 mm	Minimum chamfer dimension
D_1	51,56 mm	Shoulder diameter outer ring
D_2	53,33 mm	Caliber diameter outer ring
d_1	39,55 mm	Shoulder diameter inner ring
d_2	37,3 mm	Caliber diameter inner ring

Temperature range

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

Calculation factors

e	0,25	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,54	Dynamic axial load factor
Y_2	3,93	Dynamic axial load factor
Y_0	2,66	Static axial load factor

Additional information

H306

Adapter sleeve



Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie dożywotnie, bezobsługowe
-  Smarowanie smarem
-  Uszczelnienie dwustronne
-  Nieosiowość statyczna
-  Nieosiowość dynamiczna