

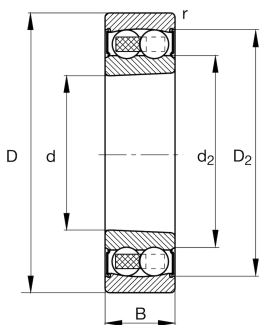
FAG

2210-K-2RS-TVH>J

Self-aligning ball bearing

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

Informacje techniczne

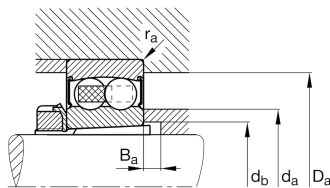
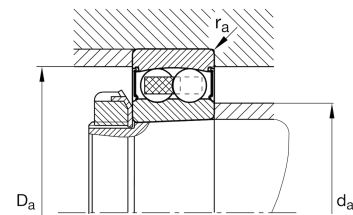


Twoja aktualna wersja produktu

Version code	>J	Not marked on bearing
Bore type	K	Tapered, taper 1:12
Sealing	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	CN (Group N)	Normal internal clearance
Lubricant	GA13	Ball bearing and insert bearing grease

Main Dimensions & Performance Data

d	50 mm	Bore diameter
D	90 mm	Outside diameter
B	23 mm	Width
C _r	22.900 N	Basic dynamic load rating, radial
C _{0r}	8.100 N	Basic static load rating, radial
C _{ur}	520 N	Fatigue load limit, radial
n _G	4.400 1/min	Limiting speed
≈m	0,576 kg	Masa





Mounting dimensions

$d_{a \min}$	57 mm	Minimum diameter shaft shoulder
$d_{a \max}$	62 mm	Maximum diameter shaft shoulder
$D_{a \max}$	83 mm	Maximum diameter of housing shoulder
$d_{b \min}$	55 mm	Minimum cavity diameter of the sleeve
$B_{a \min}$	9 mm	Minimum cavity width of the sleeve
$r_{a \max}$	1 mm	Maximum fillet radius

Dimensions

$r_{\min}$	1,1 mm	Minimum chamfer dimension
D_1	77,38 mm	Shoulder diameter outer ring
D_2	78,95 mm	Caliber diameter outer ring
d_1	62,7 mm	Shoulder diameter inner ring
d_2	60,48 mm	Caliber diameter inner ring

Temperature range

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

Calculation factors

e	0,2	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	3,15	Dynamic axial load factor
Y_2	4,87	Dynamic axial load factor
Y_0	3,3	Static axial load factor

Additional information

H310

Adapter sleeve



Właściwości

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