



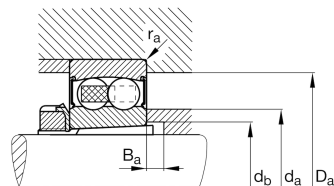
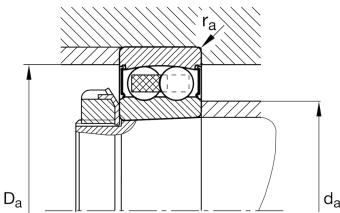
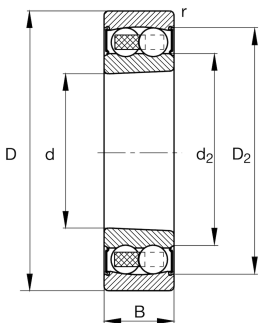
FAG

2213-K-2RS-TVH>N

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	>N	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	65 mm	Bore diameter
D	120 mm	Outside diameter
B	31 mm	Width
C _r	31.000 N	Basic dynamic load rating, radial
C _{0r}	12.500 N	Basic static load rating, radial
C _{ur}	790 N	Fatigue load limit, radial
n _G	3.400 1/min	Limiting speed
≈m	1,43 kg	Masa



Mounting dimensions

d a min	74 mm	Minimum diameter shaft shoulder
d a max	83 mm	Maximum diameter shaft shoulder
D a max	111 mm	Maximum diameter of housing shoulder
d b min	70 mm	Minimum cavity diameter of the sleeve
B a min	8 mm	Minimum cavity width of the sleeve
r a max	1,5 mm	Maximum fillet radius

Dimensions

r min	1,5 mm	Minimum chamfer dimension
D 1	102,726 mm	Shoulder diameter outer ring
D 2	107,76 mm	Caliber diameter outer ring
d 1	85,2 mm	Shoulder diameter inner ring
d 2	78 mm	Caliber diameter inner ring

Temperature range

T min	-20 °C	Operating temperature min.
T max	100 °C	Operating temperature max.

Calculation factors

e	0,18	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y 1	3,58	Dynamic axial load factor
Y 2	5,53	Dynamic axial load factor
Y 0	3,75	Static axial load factor

Additional information

H313	Adapter sleeve
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Właściwości

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