



FAG

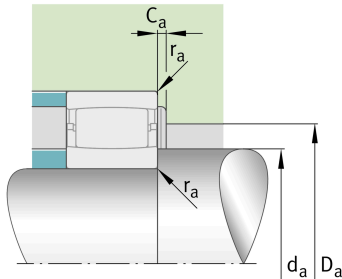
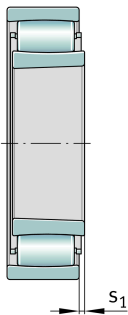
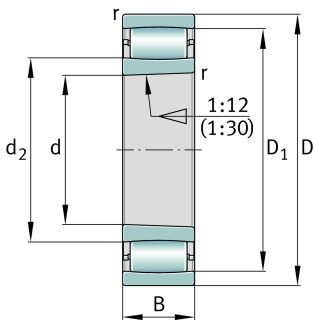
C3152-XL-K-M-W209B-C4

Toroidal roller bearing

Toroidal roller bearing C31...-XL-K-M

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Bore type	K	Tapered, taper 1:12
Cage	M	Solid brass cage, ball guided

Main Dimensions & Performance Data

d	260 mm	Bore diameter
D	440 mm	Outside diameter
B	144 mm	Width
C _r	2.750.000 N	Basic dynamic load rating, radial
C _{0r}	4.250.000 N	Basic static load rating, radial
C _{ur}	435.000 N	Fatigue load limit, radial
n _{gr}	740 1/min	Reference speed
n _G	1.480 1/min	Limiting speed
≈m	86,8 kg	Masa

Mounting dimensions

d _{a min}	277 mm	Minimum diameter shaft shoulder
d _{a max}	346 mm	Maximum diameter shaft shoulder
D _{a min}	377 mm	Minimum diameter of housing shoulder
D _{a max}	423 mm	Maximum diameter of housing shoulder
r _{a max}	3 mm	Maximum fillet radius
C _a	1,1 mm	Minimum depth of free space Ca



Dimensions

r_{min}	4 mm	Minimum chamfer dimension
d_2	318,9 mm	Shoulder diameter of IR
D_1	397,3 mm	Shoulder diameter outer ring
S_1	26,4 mm	Axial displacement

Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	200 °C	Operating temperature max.

Calculation factors

k_{δ}	0,667	Operating clearance factor k_{δ}
k_{φ}	16,222	Tilting factor k_{φ}

Właściwości

-  Obciążenie promieniowe
-  Smarowanie smarem
-  Bez uszczelnienia
-  Nieosiowość statyczna
-  Nieosiowość dynamiczna