



FAG

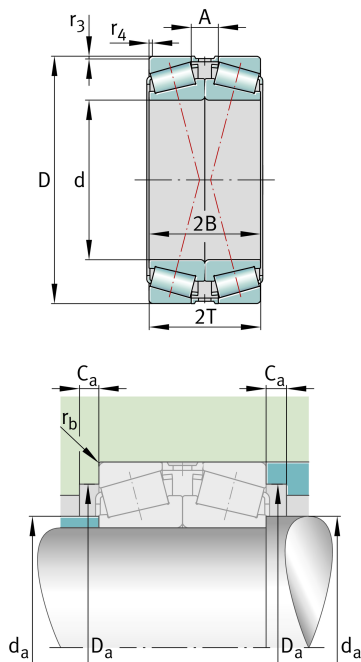
32040-X-XL-DF-A250-300

Tapered roller bearing set

Tapered roller bearing set 320...-DF, X-arrangement

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Tolerance class	P6X	Class 6X (ISO 492:2023)
Heat treatment	Standard	
Cage	Standard	Sheet steel cage, window cage, roller-guided
Axial internal clearance	A350-400	Axial internal clearance between 350 and 400 µm
Quality level	XL	X-life
Matched arrangement	F	X arrangement
Number of rows	2	Double-row design

Main Dimensions & Performance Data

d	200 mm	Bore diameter
D	310 mm	Outside diameter
2B	140 mm	Inner ring total width
2T	140 mm	Outer ring total width
C _r	1.620.000 N	Basic dynamic load rating, radial
C _{0r}	2.750.000 N	Basic static load rating, radial
C _{ur}	360.000 N	Fatigue load limit, radial
n _G	2.500 1/min	Limiting speed
n _{gr}	1.060 1/min	Thermal speed rating
≈m	38,65 kg	Masa



Mounting dimensions

$d_{a\max}$	221 mm	Maximum diameter of shaft shoulder
$D_{a\min}$	273 mm	Minimum diameter of housing shoulder
$D_{a\max}$	298 mm	Maximum diameter of housing shoulder
$C_{a\min}$	11 mm	Minimum axial space
$r_{b\max}$	2,5 mm	Maximum fillet radius of housing

Dimensions

$r_{3,4\min}$	2,5 mm	Minimum chamfer dimension of outer ring back face
A	34 mm	Width of spacer

Temperature range

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

Calculation factors

e	0,43	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	1,57	Dynamic axial load factor
Y_2	2,34	Dynamic axial load factor
Y_0	1,53	Static axial load factor

Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Obciążenie osiowe dwukierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia